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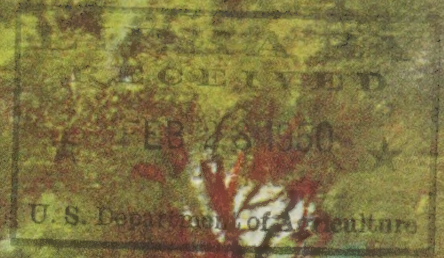
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62.83



San Antonio, Tex.

1950 Annual



1950

We wish to express our sincere appreciation for the many courtesies which you have extended to us during the past years and we hope for a continuance of same.

Our aim for this year and the years to come is to supply you with only the best in seeds and allied lines. We have a modern seed storage room whereby we can better maintain the germination of our seeds and also avoid insect infestation. We are going to devote all of our efforts to supply only the best.

Your problems are our problems, and we will be pleased to have you write us and we will do our best to help solve them.

Due to advanced parcel post rates, we are quoting only postpaid prices up to one pound. Inasmuch as we feel it would be equitable for everyone to figure out the postage necessary to forward their order, we are printing herewith the rates and zones, and it will be easy for you to figure out your own postage due.

Trusting that we may hear from you, and assuring you that we will endeavor to warrant your confidence in us,

Sincerely,

A. F. Grimm, Sr., Pres.-Mgr.

W. F. Chandler, V. Pres.

A. F. Grimm, Jr., Sec'y-Treas.

HOW TO ORDER

You will find an order blank and addressed envelope enclosed in this catalog. Write your name and address plainly. Be sure to specify how you want your order shipped unless it is a postpaid order. We fill all orders the day received, unless unable to supply same at the time, and will advise you accordingly, so do not hesitate to write us if the goods do not show up.

REMITTANCES should be made by Postoffice Money Order, Bank Draft or Personal Checks. On orders up to One Dollar, we will accept clean unused postage stamps. If currency is sent, letter should be registered. The proper way is to send remittances in full to cover order and postage. We send orders C.O.D. only if 25 per cent of the amount of order is enclosed. PLANTS ARE NEVER SENT C.O.D.

MEXICO CUSTOMERS — Add 20c for first pound and 14c for each extra pound to prices, also 20c for registration. We ship up to 20 pounds per package into Mexico.

OUR GUARANTEE

We guarantee the safe delivery of all Seeds, Bulbs, Plants or merchandise that you order from us. We guarantee all merchandise to be exactly as illustrated, described and represented. Any item not found to be entirely satisfactory will be replaced free of charge, or we will refund you every cent you paid, including transportation charges both ways.

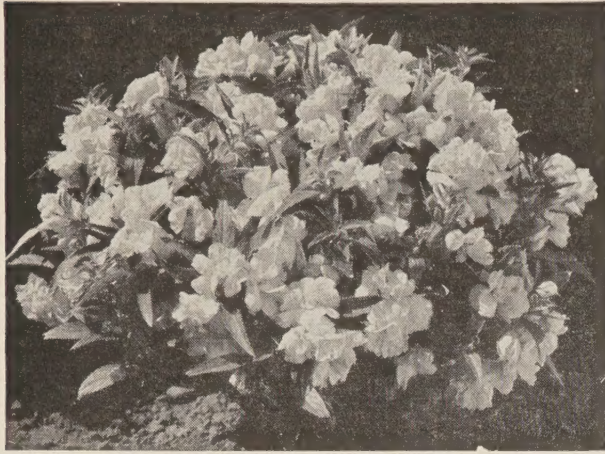
Even with the highest quality Seeds, Bulbs, and Plants, success in gardening or farming depends largely on cultivation, soil and weather conditions. Therefore—

SATEX SEED CO., give no warranty, express or implied as to the productiveness of any seeds or bulbs we sell and we will not in any way be responsible for the crop. Our liability, in all instances is limited to the purchase price of the seed.

PARCEL POST RATES

Pounds	Local	ZONES						
		1-2 Up to 150 miles	3 150 to 300 miles	4 300 to 600 miles	5 600 to 1,000 miles	6 1,000 to 1,400 miles	7 1,400 to 1,800 miles	8 Over 1,800 miles
1	\$0.10	\$0.12	\$0.12	\$0.14	\$0.15	\$0.16	\$0.17	\$0.18
2	.11	.15	.16	.19	.21	.24	.27	.30
3	.12	.17	.19	.23	.27	.31	.36	.41
4	.13	.19	.22	.28	.33	.39	.46	.53
5	.14	.21	.25	.32	.39	.46	.55	.64
6	.15	.23	.28	.37	.45	.54	.65	.76
7	.16	.25	.31	.41	.51	.61	.74	.87
8	.17	.27	.34	.46	.57	.69	.84	.99
9	.18	.29	.37	.50	.63	.76	.93	1.10
10	.19	.31	.40	.55	.69	.84	1.03	1.22
11	.20	.33	.43	.59	.75	.91	1.12	1.33
12	.21	.35	.46	.63	.80	.98	1.21	1.44
13	.22	.37	.49	.68	.86	1.06	1.31	1.56
14	.22	.39	.52	.72	.91	1.13	1.40	1.67
15	.23	.41	.54	.76	.97	1.20	1.49	1.78
16	.24	.43	.57	.80	1.02	1.27	1.58	1.89
17	.25	.45	.60	.85	1.08	1.35	1.68	2.01
18	.25	.47	.63	.89	1.13	1.42	1.77	2.12
19	.26	.49	.66	.93	1.19	1.49	1.86	2.23
20	.27	.51	.68	.97	1.24	1.56	1.95	2.34
21	.28	.53	.71	1.02	1.30	1.64	2.05	2.46
22	.28	.55	.74	1.06	1.35	1.71	2.14	2.57
23	.29	.57	.77	1.10	1.41	1.78	2.23	2.68
24	.30	.59	.80	1.14	1.46	1.85	2.32	2.79
25	.31	.61	.82	1.19	1.52	1.93	2.42	2.91
26	.31	.63	.85	1.23	1.57	2.00	2.51	3.02
27	.32	.65	.88	1.27	1.63	2.07	2.60	3.13
28	.33	.67	.91	1.31	1.68	2.14	2.69	3.24
29	.34	.69	.94	1.36	1.74	2.22	2.79	3.36
30	.34	.71	.96	1.40	1.79	2.29	2.88	3.47
31	.35	.73	.99	1.44	1.85	2.36	2.97	3.58
32	.36	.75	1.02	1.48	1.90	2.43	3.06	3.69
33	.37	.77	1.05	1.53	1.96	2.51	3.16	3.81
34	.37	.79	1.08	1.57	2.01	2.58	3.25	3.92
35	.38	.81	1.10	1.61	2.07	2.65	3.34	4.03

Pounds	Local	ZONES						
		1-2 Up to 150 miles	3 150 to 300 miles	4 300 to 600 miles	5 600 to 1,000 miles	6 1,000 to 1,400 miles	7 1,400 to 1,800 miles	8 Over 1,800 miles
36	\$0.39	\$0.83	\$1.13	\$1.65	\$2.12	\$2.72	\$3.43	\$4.14
37	.40	.85	1.16	1.70	2.18	2.80	3.53	4.26
38	.40	.87	1.19	1.74	2.23	2.87	3.62	4.37
39	.41	.89	1.22	1.78	2.29	2.94	3.71	4.48
40	.42	.91	1.24	1.82	2.34	3.01	3.80	4.59
41	.43	.93	1.27	1.87	2.40	3.09	3.90	4.71
42	.43	.95	1.30	1.91	2.45	3.16	3.99	4.82
43	.44	.97	1.33	1.95	2.51	3.23	4.08	4.93
44	.45	.99	1.36	1.99	2.56	3.30	4.17	5.04
45	.46	1.01	1.38	2.04	2.62	3.38	4.27	5.16
46	.46	1.03	1.41	2.08	2.67	3.45	4.36	5.27
47	.47	1.05	1.44	2.12	2.73	3.52	4.45	5.38
48	.48	1.07	1.47	2.16	2.78	3.59	4.54	5.49
49	.49	1.09	1.50	2.21	2.84	3.67	4.64	5.61
50	.49	1.11	1.52	2.25	2.89	3.74	4.73	5.72
51	.50	1.13	1.55	2.29	2.95	3.81	4.82	5.83
52	.51	1.15	1.58	2.33	3.00	3.88	4.91	5.94
53	.52	1.17	1.61	2.38	3.06	3.96	5.01	6.06
54	.52	1.19	1.64	2.42	3.11	4.03	5.10	6.17
55	.53	1.21	1.66	2.46	3.17	4.10	5.19	6.28
56	.54	1.23	1.69	2.50	3.22	4.17	5.28	6.39
57	.55	1.25	1.72	2.55	3.28	4.25	5.38	6.51
58	.55	1.27	1.75	2.59	3.33	4.32	5.47	6.62
59	.56	1.29	1.78	2.63	3.39	4.39	5.56	6.73
60	.57	1.31	1.80	2.67	3.44	4.46	5.65	6.84
61	.58	1.33	1.83	2.72	3.50	4.54	5.75	6.96
62	.58	1.35	1.86	2.76	3.55	4.61	5.84	7.07
63	.59	1.37	1.89	2.80	3.61	4.68	5.93	7.18
64	.60	1.39	1.92	2.84	3.66	4.75	6.02	7.29
65	.61	1.41	1.94	2.89	3.72	4.83	6.12	7.41
66	.61	1.43	1.97	2.93	3.77	4.90	6.21	7.52
67	.62	1.45	2.00	2.97	3.83	4.97	6.30	7.63
68	.63	1.47	2.03	3.01	3.88	5.04	6.39	7.74
69	.64	1.49	2.06	3.06	3.94	5.12	6.49	7.86
70	.64	1.51	2.08	3.10	3.99	5.19	6.58	7.97



Balsam - Or Lady Slipper

AFRICAN DAISY

Dimorphotheca — Showy annuals from South Africa, about 1 ft. tall with gorgeous, daisy-like blooms during summer and fall.

They vary in color from pure white to red and bluish sulphur, lemon and bright golden yellow, light orange, reddish yellow and pale about two feet high. Pkt. 10c.

AGERATUM

(FLOSS FLOWER)

Perennial. One of the best summer blooming plants grown from seed. Rapid growers, early and constant bloomers. During the hot, dry summer months their bright flowers are produced in the greatest profusion. Set the dwarf sorts 10 inches apart and they soon make a low mass of charming flowers.

BLUE PERFECTION — Vivid dark blue. Pkt. 10c.

ALLYSSUM

A hardy annual used for borders and edging, comes early in the spring, covering itself with clusters of flowers.

LITTLE GEM (Carpet of snow) — A beautiful white sort for borders. Plants grow about 6 inches tall, produces an abundance of flowers. Pkt. 10c.

VIOLET QUEEN — A beautiful fragrant sweet allysum, of bright clear violet hue, holding its colors through the hottest, driest summer, it flowers in 45 days from seed sown in open ground. Pkt. 10c.

FINEST MIXED — Pkt. 10c;

AMARANTHUS

Tall, vigorous ornamental foliage plants, with showy flower clusters, which attain their finest coloring in hot, sunny locations. Rich soil increases the size of leaves at the expense of their color. Give plenty of room.

MOLTEN FIRE — 3 ft. Brilliant Poinsettia-like tips. Pkt. 10c.

ASTERS

For early flowering, seed should be planted in hot beds in December and January, then transplanted as soon as danger of frost is over.

QUEEN OF THE MARKET — This is a good type for bedding, and also makes fine cut flowers. Plant grows about 15 inches high and produces beautiful double flowers in many colors, carried in long, slender, graceful stems.

CRIMSON — Pkt. 10c; oz. 90c.

LIGHT BLUE — Pkt. 10c; oz. 90c.

PEACH BLOSSOM — Pkt. 10c; oz. 90c.

WHITE — Pkt. 10c; oz. 90c.

MIXED — Pkt. 10c; oz. 75c.

ASTERS

SINGLE CHINENIS

RAINBOW MIXTURE —

Plant 1½ to 2 feet tall, flowers daisy-like, petals wide and closely placed, blooms in late August. Rainbow mixture. Pkt. 10c; oz. 60c.

AUSTRALIAN PEA VINE

A rapid-growing evergreen climber, flowering freely in clusters of rose pea-shaped flowers. Pkt. 10c.

BALSAM

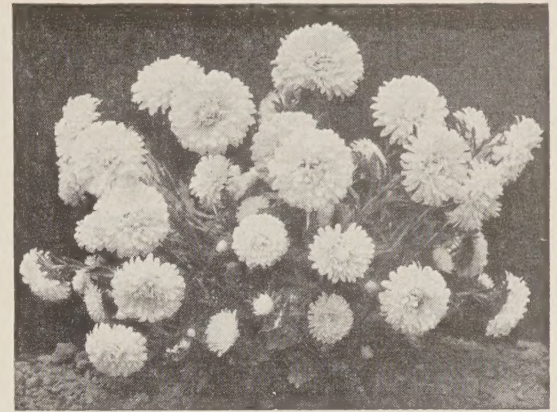
(LADY SLIPPER)

Grows 18 inches to 2 feet tall, producing an abundance of brilliantly colored flowers. This plant also known as old-fashioned Touch-Me-Not.

DOUBLE CAMELIA MIXED — Pkt. 10c; oz. 75c postpaid.

ROSE FLOWERED — Double flowers, all colors. Pkt. 10c; oz. 75c.

BUSH FLOWERING MIXED — Pkt. 10c; oz. \$3.00.



ASTER-QUEEN OF THE MARKET

BLUEBONNET

(TEXAS)

(*Lupinus Texensis*)

A The Texas State flower. Grows all over the prairies of Texas. As the seeds are very hard, puncture each seed with a sharp needle and soak overnight before planting. They bloom in Texas in March, April and May. After maturing seed, the plant dies and the seed falls on the ground and comes up again the next spring. Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

CACTUS

(RAINBOW MIXTURE)

CACTUS — Easily grown from seed. Our mixture contains many of the newer, rarer sorts. Pkt. 10c.

CALENDULA

SENSATION — (Campfire)

Enormous, double, flat brilliant orange flowers with a crimson or scarlet sheen produced on long stems. The finest orange Calendula. Pkt. 10c; oz. 60c.

BALLS GOLD — Similar to Campfire but a rich lemon-yellow. Pkt. 10c; Oz. 60c.

TRIAL GROUNDS MIXED —

A blend made entirely from colors in the course of development by Waller Franklin. The color balance leans pastel and the form is somewhat that of the popular *Chrysanth*, with blooms the size of the largest varieties. This blend is more heat resistant and blooms over a longer season. Pkt. 10c; oz. 45c.

PACIFIC BEAUTY MIXED

— An excellent new variety which does well in this locality. Pkt. 10c; Oz. 50c.

CHRYSANTHA— Pure golden yellow with long, broad petals. Resembles a Japanese *Chrysanthemum*. Fine for cutting. Pkt. 10c; oz. 50c.



African Daisy



Calendula - Campfire

CALLIOPSIS

CALLIOPSIS — All double mixed. A very satisfactory midsummer flower. The double and semi-double flowers in brilliant combinations of yellow and mahogany are much more showy than the single flowered varieties. Pkt. 10c; oz. 75c.

CANDYTUFT

Bushy little plants with charming, clustered heads of daintily colored flowers. They furnish your beds and borders with masses of colors and bring to you the first cheery message of spring. Highly prized for cutting. Height 1 foot.

GIANT WHITE HYACINTH FLOWERED— This is an extra select strain of Candytuft, with enormous trusses of white blossoms, especially desirable for cutting. Grows about 18 inches high. Pkt. 10c; oz. 60c Postpaid.

UMBELLATA — Finest mixed. Pkt. 10c; oz. 35c.

UMBELLATA — Straight colors: Cardinal Rose; Carmine; Crimson; Purple and Rose. Pkt. 10c; Oz. 50c.

CANTERBURY BELLS

ANNUAL FINEST MIXED — These old-fashioned favorites are much admired for their beautiful, large, bell-shaped flowers in shades of white, rose, and blue. Very showy in mixed borders. Height 2 feet. Pkt. 10c.



Carnation

CARNATION

Carnations are general favorites for their delicious fragrance and richness of color. They are indispensable both for greenhouse culture in winter and for the garden in summer; sow in the fall.

CHABAUD'S GIANT—Will come into bloom six months from seed and continue to bloom all summer; they form from 10 to 20 stalks bearing huge flowers of fine form.

Dark Red, pkt. 10c; ¼ oz. \$1.00.

White, pkt. 10c; ¼ oz. \$1.00.

Deep Rose, pkt. 10c; ¼ oz. \$1.00

Salmon Rose, pkt. 10c; ¼ oz. \$1.00.

Mixed, pkt. 10c; ¼ oz. 75c.

Yellow, pkt. 10c; ¼ oz. \$1.00.

ENGLISH GIANT MIXED — An excellent mixture of a large type of Carnation. Pkt. 25c.

CASTOR BEAN**ZANZIBARIENSIS MIXED**

RICINUS — The large ornamental variety. Pkt. 10c; oz. 20c.

CLARKIA**ELEGANS DOUBLE MIXED**

The lovely Clarkias are effective in the garden or as cut flowers in the home. Great spikes of double and semi-double flowers in the daintiest colors are produced from the poorest soil. Plant in shade. Does best in sections where summers do not get too hot. If the roots are confined by growing in small pots, they will bloom earlier. **Elegans Double Mixed** Pkt. 10c.

**COCKSCOMB
(Celosia Cristata)**

An old and picturesque class of plants having colored foliage gracefully arranged like plumes and sometimes more dense, like a cock's comb.

DWARF GIANT EMPRESS—This beautiful dwarf plant has bronze leaves and forms very large, crimson combs; height usually about one foot. Pkt. 10c; oz. \$1.25.

DWARF GIANT MIXED — All colors mixed. Pkt. 10c; oz. \$1.00.

PLUMOSA—Finest mixed. Choice mixed of many types. Pkt. 10c; oz. 90c.

COLEUS

COLEUS — Large Leaved Mixed. The imported seed of this ever popular plant is available again. Easily grown in flats for transplanting into pots, window boxes, or open shaded beds. Pkt. 10c; ¼ oz.

**COLUMBINE
(Aquilegia)**

Long-spurred Hybrids, Mixed — Graceful perennials producing their odd-shaped long-spurred flowers on tall slender stems. They delight in a partly shaded location. Highly rated as a cut flower and fine for mixed perennial borders. Height 2½ feet. Pkt. 10c.

**COREOPSIS
MAYFIELD GIANT**

On long graceful stems these plants bear large daisy-like flowers with broad fluted petals. In color they are a rich, glossy chrome yellow. They bloom without interruption for a long season and are brilliant in the garden as well as for cutting. Pkt. 10c.

COSMOS

Hardy and fast growing. Plants 3 to 5 feet high, with feathery green foliage, producing in a variety of colors, single and double flowers on long, graceful stems. This is one of the best flowers to grow for cutting.

SENSATION—Finest Mixed. A tall, feathery, green stalk, bearing daisy-like flowers in all shades of lavender, pink, and white. Blooms all summer. Pkt. 10c; oz. 70c.

EARLY DOUBLE CRESTED (3 ft.). Some of the flowers have attractive, raised, central crests of small petals which completely cover the discs. Pkt. 10c; oz. \$2.10.

RADIANCE — Deep rose distinctly overlaid with rich crimson towards the Yellow eyed center. Pkt. 10c; oz. \$2.00.

CORN FLOWER**(DOUBLE)**

Sometimes called Corn Flower or Bachelor's Button. This is an old-fashioned, hardy annual and still a great favorite for cutting purposes. Are very easily cultivated; the seed should be sown in the spring where they are to remain; thin out to 3 or 4 inches.

SNOW MAN — A new variety, absolutely pure white and very durable; splendid as a cut flower. Pkt. 10c; oz. 50c.

BLUE BOY — A pleasing shade of blue, much prettier than the single kinds height 2 to 3 feet. Pkt. 10c; oz. 50c.

PINKIE — Beautiful bright pink shade. Pkt. 10c; oz. 50c.

RED BOY — A bright red. Pkt. 10c; oz. 50c.

JUBILEE GEM — Dwarf Blue. Pkt. 10c; oz. 90c.

DOUBLE MIXED — All colors. Pkt. 10c; oz. 35c.

CHRYSANTHEMUM

MERRY MIXTURE — (Painted Daisy) A cheerful collection of bright-hued tricolors, excellent variety. Pkt. 10c; oz. 50c.

CYNOGLOSSUM

DWARF FIRMAMENT — Produces long sprays of brilliant blue Forget-Me-Not like flowers. Grows easily and blooms for a long season. A most delightful addition to our list of blue flowers. Pkt. 10c; oz. 60c.



Columbine or Aquilegia

CYPRESS VINE

A most beautiful rapid climber with delicate, dark green leaves and many bright star-shaped flowers.

MIXED COLORS — Pkt. 10c; oz. \$1.60.

The "Old Dirt Daubber" says, "USE THE HOSE LESS, AND THE HOES MORE!" A good dust mulch does wonders in preserving sub-soil moisture and keeps weeds at a minimum. An excellent tool for this job is the GARDEX SCUFFLE HOE, listed on page 25.

DAHLIAS

Most flower lovers plant Dahlia Roots as they do not know that beautiful blooms can be successfully produced the same season from seed. There is real fascination in growing Dahlias from seed, as new varieties are originated in this manner.

WALLER-FRANKLIN DWARF HYBRIDS — We believe this to be the best strain of dwarf Dahlia obtainable. Few of the very double blooms measure less than three inches. Twelve inch stems are profusely borne the first year from seed on bushy plants 18 to 24 inches tall. Some of the lovely new colors are: Shades of canary yellow, scarlet, terra cotta, apricot, crimson, lavender-pink, purple, maroon, buff, cream, and white. This is truly a perfected flower. Pkt. 10c; ¼ oz. 75c; oz. \$2.75.

EXHIBITION MIXED — The tall, double decorative type in all the newest colors. Pkt. 10c; ¼ oz. 75c.

DELPHINIUM

The Chinese Delphinium blooms from seed the first year if sown early and may be treated as an annual; though it is a hardy perennial and plants will last many years. Fine for beds and border masses. Tall finest mixed. Pkt. 10c; oz. \$1.00, postpaid.

CAMBRIDGE BLUE—Azure Blue. Pkt. 10c; oz. \$1.85.

LIBERTY LARKSPUR—Dark Blue. Pkt. 10c; oz. \$1.10.

PACIFIC GIANT HYBRIDS — Developed on the Pacific Coast. Florets 2 inches across, on 5 ft. stems, slender and wiry. Mildew resistant. Pkt. 10c; oz. \$7.00.

BELLADONNA IMPROVED — Large single flowers of an exquisite shade of turquoise-blue loosely arranged on tall slender spikes. Highly prized for cutting. Pkt. 10c; oz. \$4.00.

BELLAMOSUM IMPROVED — Deep gentian-blue single flowers loosely placed on strong graceful spikes, 3 to 4 feet tall. Pkt. 10c; oz. \$4.00.

FEVERFEW

(MATICARIA)

BALLS DOUBLE WHITE — Sometimes called button chrysanthemums and is a member of the mum family. Dozens of the small blooms are borne on a single stem of the plant and a few stems with a bit of fern will make a beautiful centerpiece. Grows 18 inches high. Pkt. 10c.

CAPENSIS ALBA PLENISSIMA — 2 ft. Pkt. 10c.

FOUR O'CLOCK

FINEST MIXED — An old favorite. Pkt. 10c; oz. 45c.

FOXGLOVE

DIGITALIS

The flowers are shaped and finely mottled like gloxianas. Do well in sun or half shade, bloom in June and July. Splendid for beds or border. 3 to 4 feet tall. A wealth of brilliant color with little attention. Pkt. 10c.

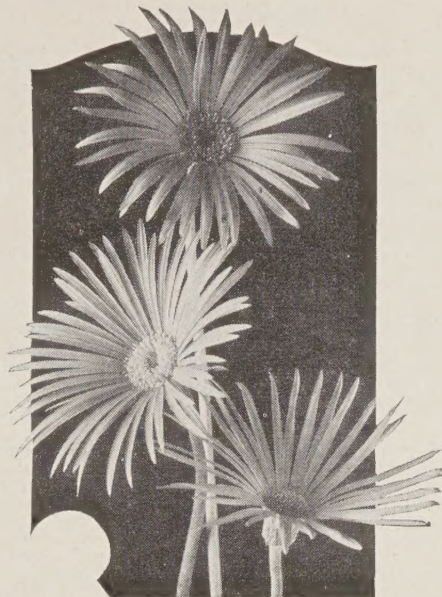
GAILLARDIA

GAILLARDIA (Blanket Flower) Tones of orange, yellow, red, and maroon, often beautifully combined in a single blossom, make these flowering plants gay ornaments of the garden all summer long. The foliage of soft green combines well with the flowers. The blossoms are 2 to 3 inches across. Both the annuals and perennials are favorites for the border. Pkt. 10c; oz. 85c.

GERANIUM

This variety is very desirable for pot culture, flower boxes and bedding outdoors. Seed should be sown inside house in pots or boxes on rather light soil and should be kept moist. Seed is slow to germinate.

ZONALE MIXED — Pkt. 10c.

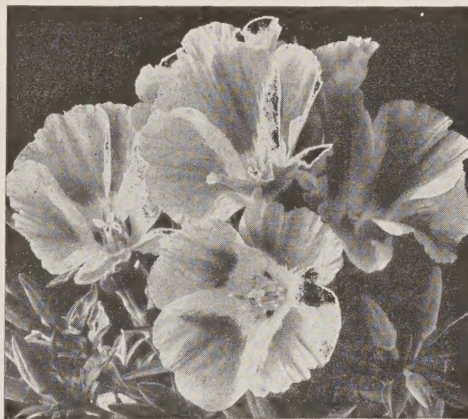


Gerbera

GERBERA

GIANT HYBRIDS MIXED

(Transvaal Daisy) South African flower of unusual daintiness. The colors range from pale amber through salmon and rose to a rich ruby. Pkt. 10c.



GODETIA—Upright Single

GODETIA

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil.

DUCHESS OF ALBANY — An excellent white type of this attractive bushy plant. Pkt. 10c; oz. 50c.

DUKE OF YORK—Rich scarlet on white. Pkt. 10c; oz. 75c.

SYBIL SHERWOOD—Bright salmon pink. Edged soft white. Pkt. 10c; oz. \$1.25.

UPRIGHT DOUBLE MIXED — Pkt. 10c; oz. 75c.

GLOBE AMARANTH

(GOMPHRENA)

BACHELOR BUTTON

A low-growing hardy annual. Everlasting or Straw Flower, about 8 inches high with globe-shaped flowers, in red, pink, white, and purple or orange. Mixed. Sow in the spring. Pkt. 10c; oz. 45c.

GOURDS

Ornamental Gourds are very interesting climbers producing fruits of various shapes and marking. A coat of shellac applied to the matured fruits will add to their beauty, making attractive ornaments for house decorations through the winter. This old-fashioned vine grows 15 to 20 feet high.

SMALL VARIETIES MIXED — Pkt. 10c; oz. 30c.

GYPSOPHILA

(BABY'S BREATH)

Delicate free-flowering plants covered with star-shaped flowers, valuable for mist-like effect and as trimming in bouquets; also for hanging baskets or edgings. White.

CONVENT GARDEN — An excellent white type. Pkt. 10c; oz. 30c.

ELEGANS CRIMSON — A vivid rose type. Pkt. 10c; oz. 50c.

HELICHRYSUM

MONSTROSUM FINEST MIXED—An array of color that will please. These are classed by many as the best and most satisfactory of the Everlasting flowers and make beautiful dry bouquets. Pkt. 10c; oz. \$1.00.

HIBISCUS

MALLOW MARVELS — Mixed. Vigorous shrub-like plants bearing profusely white, pink and red flowers of enormous size during August and September. Easily grown, doing well in moist or dry locations. Pkt. 10c; oz. \$1.50.

HOLLYHOCK

Chaters Double Mixed — Splendid background for flower gardens; shows up well along fences; bears open rose-shaped flowers; mixed. Pkt. 10c; oz. \$1.75.

HUNNEMANNIA

(MEXICAN TULIP POPPY)

Grows anywhere but does best in a well-limed, rather sandy soil. Blooms from July until frost. The yellow, poppy-like flowers are excellent for vases when cut while in bud. Pkt. 10c; oz. \$1.00.

HYACINTH BEANS

(JACK BEANS)

Rapid climber; blooms and pods very ornamental. Colors: White, purple, or mixed. Pkt. 5c; oz. 15c.

HOW DOES YOUR GARDEN GROW?

If not according to your expectations, then there is probably some nutrient element missing or depleted from your soil. — **WHAT IS IT?** Your guess is as good as the next one, unless you have a **SUDBURY SOIL TEST KIT**, which you will find listed on page 25, and which takes all the guessing out of the game. **REMEMBER, THE DAISIES WON'T TELL, BUT THE SUDBURY SOIL TEST KIT WILL!**

Thompson's
VITAMIN B-1 PLUS PELLETS
BE MORE Successful WITH SCIENCE AS YOUR PARTNER

Supplement your plants' daily diets with Thompson's Vitamin B-1 for the garden. Thompson's new Vitamin B-1 plus Pellets contain 4 added B factors at no increase in price. A scientifically prepared formula to help you have more success, with science as your gardening partner!

20 Pellets...25c 200 Pellets...\$1



Larkspur - Giant Imperial

GIANT IMPERIAL LARKSPUR

This new type of larkspur is excellent for cut flowers, as the flower stems are from three to four feet long, branching from the base of the plant and more delphinium-like than the giant-flowering larkspur.

DAZZLER — Rich scarlet. Pkt. 10c; oz. 90c.

BLUE SPIRE — This is an intense deep Oxford blue with the upright base branching habit. Pkt. 10c; oz. 90c.

WHITE KING — A sensation in white larkspurs. Is very double and a dazzling pure white in color. Pkt. 10c; oz. 90c.

PINK PERFECTION — Lively light pink and light salmon pink. Pkt. 10c; oz. 75c.

BLUE BELL — Azure blue. Pkt. 10c; oz. 90c.

CARMINE KING — Deep carmine rose. Pkt. 10c; oz. 90c.

LILAC KING — Rich lilac, fully double closely spaced florets. Pkt. 10c; oz. 90c.

MIXED — All colors mixed. Pkt. 10c; oz. 90c.

LINARIAS

(Baby Snaps)

FAIRY BOUQUET MIXED — This is a hardy annual with small dainty flowers resembling miniature Snapdragons and in addition each flower has a long Columbine-like spur. It makes a nice cut flower and the clumps form an interesting feature of the annual border. Blooms in about eight weeks from seed. To get the best results seed should be sown thinly, the seedlings thinned out to about 18 inches. Pkt. 10c.

LINUM

GRANDIFLORA RUBRUM — Brilliant crimson flowers 1 inch and more across and while they last only one day, new blooms appear every morning. 15 to 18 in. tall. Pkt. 10c; oz. 50c.

LUPINS

PER. RUSSELL — Well rounded, thickly set spikes of extraordinary colors — blues, pinks, reds, yellows, purples, and other self-colors. Also an assortment of bi-colors. Pkt. 10c; oz. \$2.50.

MARIGOLD

POT OF GOLD — 12 in. Plants are compact, well branched, bearing large blooms of bright deep orange. Flowers are somewhat loosely formed, with broad heavy petals, gracefully overlapping. Blooms early. Pkt. 10c. oz. 80c.

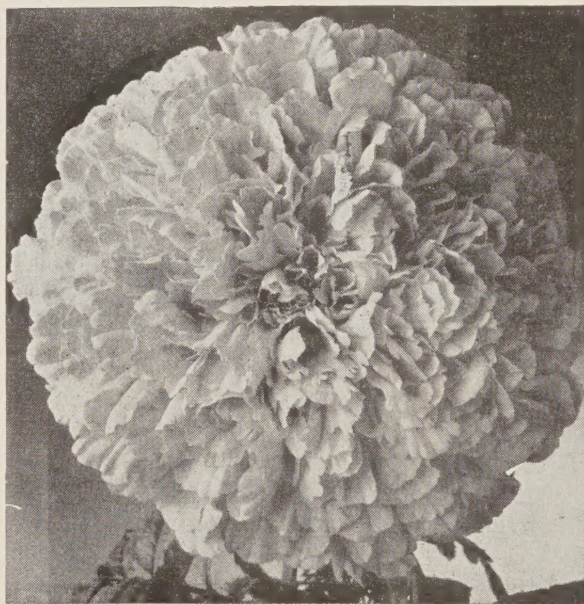
GOLDSMITH — Giant incurved chrysanthemum-like golden orange flowers. Up to 3 inches across and almost a perfect bill in shape, are exceptionally long keepers. Plants 18 inches tall, early and free blooming. Pkt. 10c; oz. \$1.75.

YELLOWSTONE — Large double incurved chrysanthemum-like flowers, clear golden yellow color. Flowers 2½ inches across, freely borne on 2 foot vigorous plants from late summer to early frost. Pkt. 10c; oz. \$1.75.

FLASH — Gay and cheerful single flowers, 1¾ inches and more across in a bright combination of colors which range from vivid red through bronze with a few yellows to give a harmonious contrast. Pkt. 10c; oz. 60c.

MINIATURE GEM MIXTURE — Exquisite blooms, 1½ to 2 inches across, in orange, yellow and mahogany, as well as a combination of these colors. Plants 6 to 15 inches tall. Pkt. 10c; oz. \$1.50.

SPRY — Extra Dwarf Double French Flowers are double, 1½ in. across with bright yellow pin cushion center crests surrounded by several rows of mahogany-red guard petals. Early and profuse blooming. Fine for beds, borders and position. Pkt. 10c; oz. \$1.00.



Marigold — Gigantea Sunset

GIGANTEA (Sunset Giant) — The largest marigold yet developed, many flowers averaging 5 inches in diameter. The definite sweet scent of the flowers adds to its value, as a cut flower. The color range includes deep orange, golden orange, deep golden yellow, light yellow and a delightful new shade of primrose. Height of plants, 3 to 4 feet. Pkt. 10c; oz. \$1.25.

Tall Double Orange — A beautiful flower of gigantic size: a very bright orange color, plant usually growing about 2 to 3 feet high. A very popular sort. Pkt. 10c; oz. 1.75.

Tall Double Lemon — A lemon shade that is beautiful. Pkt. 10c; oz. \$1.75.

Mixed colors: Pkt. 10c; oz. \$1.50.

MEXICAN FIRE BUSH

KOCHIA

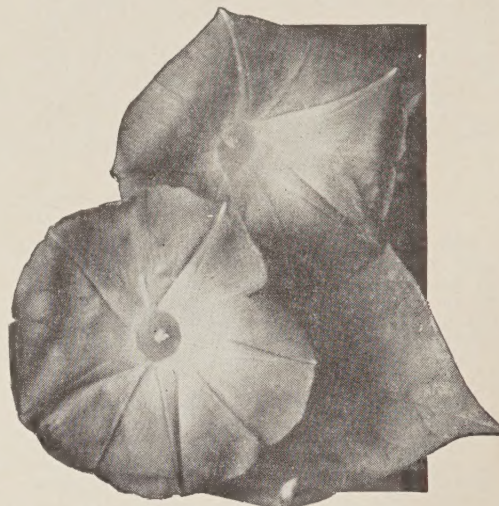
CHILDSII — 2½ ft. It resembles a close-clipped ornamental evergreen. The pyramidal bushes are close and compact and of a pleasing light green. The plant may be grown singly or in the form of a hedge or background and may be clipped to form a perfect substitute for boxwood to edge beds. In early autumn the whole bush becomes carmine or blood-red. Flowers small and numerous but not conspicuous. Pkt. 10c.

MOON FLOWER

WHITE MOONFLOWER (Ipomoea). This is a greatly improved variety of the popular Moonflower vine, producing much larger flowers in a greater profusion, with immense saucer-shaped flowers. Pkt. 10c; oz. 40c.

MORNING GLORY

As Morning Glory seed are very hard, we advise soaking them in lukewarm water for several hours before sowing.



Morning Glory — Heavenly Blue

CLARK'S EARLY HEAVENLY BLUE

The blooms are a beautiful shade of blue. Its extra early flowering habit makes it particularly valuable in sections where other vines are too late. Our customers will be favorably impressed with it for it is truly lovely. Pkt. 10c; oz. 60c.

SCARLETT O'HARA — RED

An entirely new color in this popular garden flower, rich dark wine-red or rosy crimson. While the flowers are not quite as large as the Heavenly Blue Morning Glory, they are of good size, about four inches in diameter, freely produced on fast growing vines which start blooming within 65 days after seed is sown. The combination of Scarlett O'Hara and Heavenly Blue is very pleasing when planted together. Received the Gold Medal. All American Selections 1939. Pkt. 25c; ¼ oz. 40c; oz. \$1.00.

PEARLY GATES — WHITE

White morning glories of superior quality are indeed a rarity. Pearly Gates is a variety so beautiful that it will stand out among a hundred others. The big blossoms average more than four inches across. The vines are unusually vigorous, grow fast and produce a wealth of snowy white trumpets. Pkt. 10c; oz. \$1.00.

IMPERIAL MIXED — Flowers are the largest of any Morning Glory and of the finest coloring. They have various shades, solid colors and variegated mixed colors. Pkt. 10c; oz. 40c.

NASTURTIIUM**Semi-Double Sweet Scented Gleam**

SENSATIONAL NEW NASTURTIIUMS — Giant, double, sweet-scented flowers of gorgeous new colors. Individual blooms are of immense size and produced on long, stiff stems. They are excellent for cutting as well as for garden decoration.

GOLDEN GLEAM — Large, semi-double, golden yellow flowers averaging 3 inches across. Pkt. 10c; oz. 30c.

MAHOGANY GLEAM — Deep velvety mahogany-red. Pkt. 10c; oz. 30c.

SALMON GLEAM — Delicate golden salmon. Pkt. 10c; oz. 30c.

SCARLET GLEAM — Dazzling fiery orange-scarlet color. Pkt. 10c; oz. 30c.

GLEAM HYBRIDS — New colors, never before dreamed of in double Nasturtiums. Salmon, golden yellow, orange-scarlet, cerise, cream-yellow, orange, and crimson, all delightfully scented. Pkt. 10c; oz. 25c.

DWARF DOUBLE GEM MIXTURE

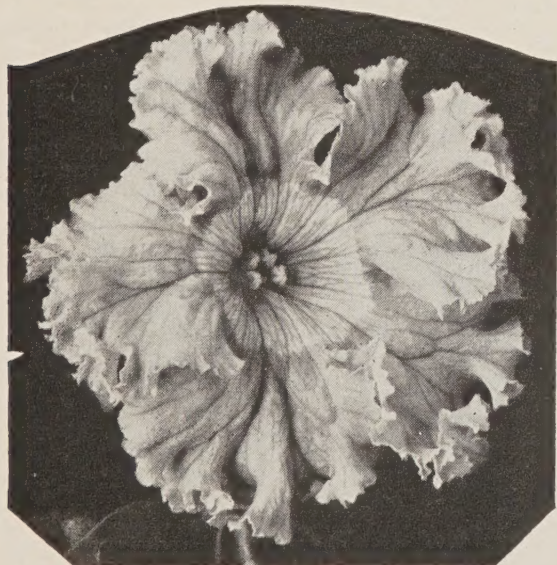
DWARF DOUBLE GEM — Extra Dwarf and compact strain. Pkt. 10c; oz. 30c.

NEMOPILA**(BABY BLUE EYES)**

Hardest of annuals. Lovely cup shaped, sky-blue flowers with white centers. 6 inches tall. Pkt. 10c; oz. 40c.

NICOTIANA

AFFINIS HYBRIDS — Long tube shaped, petunia-like flowers, the petals of which form a beautiful five pointed star. Very fragrant, particularly when flowers are fully expanded during the evening and night. Brilliant colors. Pkt. 10c; oz. 50c.



Petunia

PHLOX

GIGANTEA ART SHADES — A new strain with flowers 1½ inches in diameter, in a remarkable variety of soft color tones, which blend delightfully. Pkt 10c

DRUMMONDI MIXED — Well balanced blend of all colors in this type for beds, borders or edging. Plants about 6 inches tall. Pkt. 10c; oz. \$2.00.

STAR MIXED — A most unusual type. The medium-sized, brilliantly colored flowers have fantastically fringed and pointed petals or are artistically starred. An endless variety of colors. Pkt. 10c; oz. \$2.00.

PETUNIA**PETUNIA HYBRIDA**

FIRE CHIEF — The All-America sweepstakes winner. The reddest petunia you have ever seen. Dwarf habit; free-blooming Hybrid Nana Compacta type. Pkt. 25c.

HOWARD'S STAR IMPROVED — Red Purple with white star. Pkt. 10c; oz. \$6.00.

GENERAL DODDS — Vivid dark crimson flowers of a soft velvety texture. Pkt. 10c; oz. \$2.25.

ROSE KING — Rich rose pink with white throat. Pkt. 10c; oz. \$2.25.

VIOLACEA — Deep rich violet blue. An outstanding color that is most unusual. Pkt. 10c; oz. \$2.25.

SALMON SUPREME — Rich coral salmon when first opening changing as they mature to glistening soft salmon pink. Pkt. 10c.

RADIANCE — Rich cerise rose with enough underlying salmon to intensify its brilliance; all in lovely contrast to the brown veined golden yellow throat. Pkt. 10c; oz. \$3.75.

WHITE KING — Glistening snow-white. Pkt. 10c; ¼ oz. 75c.

CHOICE HYBRIDA MIXED — Pkt. 10c; oz. \$2.00.

RAMONA — A strain of dark and light shades of Dwarf Giants of California and are bred especially for pot culture. Pkt. 25c.

DWARF GIANTS RUFFLED (Mixed) — A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well-marked throats. Pkt. 25c.

POPPIES

Should be planted in late Fall or very early in the spring as in our section they burn out as Summer comes on.

CALIFORNIA POPPY — Escholtzia — A very beautiful annual with finely cut, feathery foliage, having a velvet cup-shaped flower. All colors mixed. Pkt. 10c; oz. 35c.

SINGLE SHIRLEY — Large single flowers with papery, silk-like petals in dainty tones of pink, salmon, apricot, terra-cotta, many shaded and edged with other colors. Pkt. 10c; oz. 40c.

DOUBLE SHIRLEY — Double and semi-double blooms in an almost endless variety of attractive colors. Many of the flowers are delicately suffused with a second tint. Pkt. 10c; oz. 50.

SHIRLEY MIXED — This is a beautiful type of satiny flowers with a wide range of colors. Pkt. 10c; oz. 45c.

ICELAND SUNBEAM HYBRIDS — A remarkable new giant flowered Iceland Poppy which is excellent for cutting. The flowers are large and well-formed with broad petals which are deeply fluted and wrinkled, giving an effect of semidouble-ness. Comes in shades of pink and salmon rose. Will bloom the first season if planted early from seed. Pkt. 10c; oz. \$2.25.

PORTULACA**(MOSS FLOWER)**

One of the best low-growing annuals for hot and sunny places; will grow and bloom profusely in the summertime when other flowers are dead. Sow after all danger of frost is over.

DOUBLE MIXED Pkt. 10c; ¼ oz. \$1.00.



PINKS OR DIANTHUS

PINKS or DIANTHUS

The family of Pinks is unrivalled for brilliancy and rich variety of color. The plants are bushy, of symmetrical form, blooming profusely until fall, rendering them very satisfactory for summer varieties.

GAIETY — Makes available a uniformly giant flowered annual that has in addition of the usual, the much desired new shades of salmon, pink and rose. This is the liveliest color blend found in Dianthus. Pkt. 10c; oz. \$1.00.

CHINESE DOUBLE MIXED — This is a double annual sort of beautiful colors. Pkt. 10c; oz. 60c.

SWEET WIVELSFIELD — A new, very hardy annual that does exceptionally well here. Fine for borders and exceptionally good for cut flowers. Can also be used to a good advantage in rock gardens. Pkt. 10c; oz. \$1.25.

HEDDENSIS Westwood Beauty (NEW) — Combining the large open flowers of Heddwigii and the long stems of Chinensis Pinks. Flowers vari-shades of red and scarlet, single, deeply lacinated, and some have attractive white edgings. An all America Winner for 1946. Pkt. 10c; ¼ oz. 75c.

PANSY

GIANT TRIMARDEAU — Flowers are well-formed, of enormous size, in a great variety of colors, the very finest strain. Finest mixed. Pkt. 10c; ¼ oz. \$1.50.

MAPLE LEAF GIANTS — Compact habit with large attractive foliage and very large blooms of heavy substance. Colors include both light and bright shades and those rich velvety dark colors which are typical of pansies. Pkt. 10c; ¼ oz. \$2.00.

GENEVA GIANTS OR SWISS GIANTS — Plants exceptionally strong and robust with flowers unusually large, perfectly round with overlapping petals of heavy substance. Pkt. 10c; ¼ oz. \$2.75.

MASTERPIECE — Charming pansies with crinkled and heavy ruffled blooms that have so much substance as to appear double. Many delightful colors, mostly in rich and deeper shades. Free blooming. Pkt. 10c; ¼ oz. \$2.00.

NON PLUS ULTRA — An excellent mixture of Danish grown giant pansies with beautiful variety of colors. A variety hardly surpassed by any varieties. Pkt. 10c; oz. \$5.00.

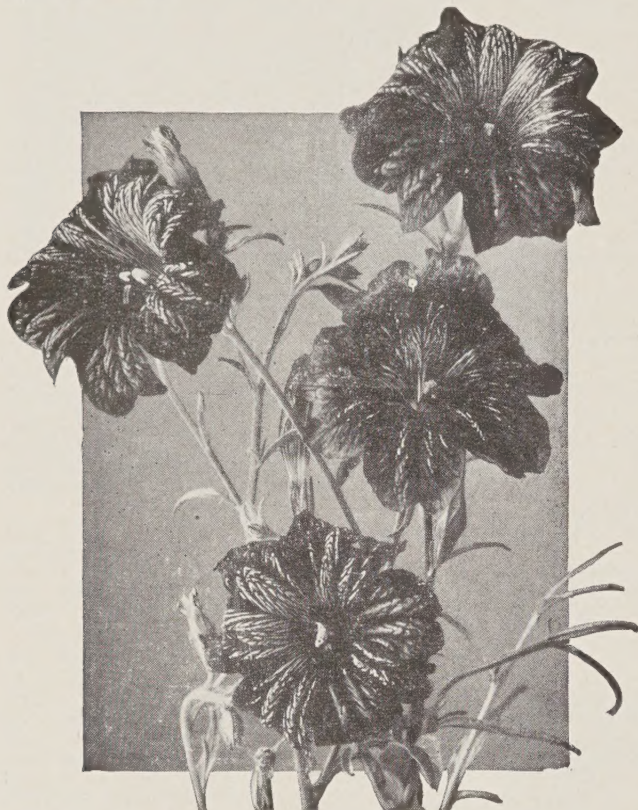
QUEEN ALEXANDRINE — A very odd type of Danish pansy in which the center of the pansy shows the same type, and is bordered by many colors. Extremely nice variety. Pkts. only 69c.

PENSTEMON

GLOXINIA MIXTURE — If sown in heat in February or March, they will flower freely the first year, producing large spikes of handsome Gloxinia-like flowers. Often 2 inches across and in the most brilliant and varied colors, many of which are beautifully edged with a fine contrasting color. 2 feet. Pkt. 10c.

QUEEN ANNE LACE FLOWER

QUEEN ANNE LACE FLOWER (White) — A slender, erect plant, with feathery fern-like foliage and small flowers clustered at the ends of the stalks. Very showy in mixed bouquets. Pkt. 10c; oz. 50c.



Salpiglossis

SALPIGLOSSIS

EMPEROR MIXED (Painted Tongue) Large Flowered — From a low base of leaves rise slender wiry stalks which bear one or more large lily-like flowers in a magnificent range of colors. The gold veining of their deep throats is often pronounced and adds to their beauty. A great favorite in the open and for cutting. Mixed Pkt. 10c; oz. \$1.00.

SALVIA

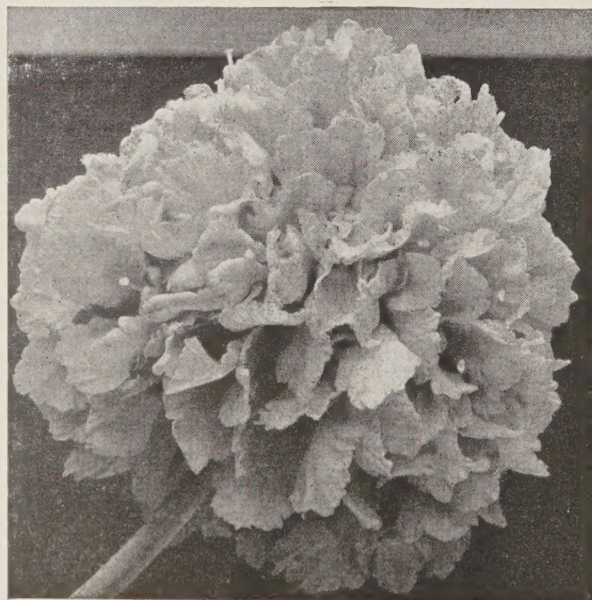
SPLENDENS — The tallest growing and largest flowered. Loose sprays of rich scarlet blooms, plants grow 2 to 3 ft. tall. Pkt. 10c.

SCABIOSA (Mourning Bride)

PIN CUSHION ASTER—Magnificent hardy; of easy cultivation; blooms freely during summer and fall; stands hot, dry summers better than almost any other flower. Flowers are large, very showy on stalks $1\frac{1}{2}$ to 2 feet high; very decorative for beds, invaluable for cutting.

GIANT HYBRID MIXED—Pkt. 10c; $\frac{1}{4}$ oz. 25c.

BLUE MOON—This new type has flowers composed entirely of broad heavy, wavy petals, eliminating the pincushion center, which characterized the old type of Scabiosa, entirely thus the flower is literally fully double. The color is a rich deep lavender blue measuring $2\frac{3}{4}$ inches across and $2\frac{1}{2}$ inches deep borne in long wiry stems which make them excellent for cutting. Pkt. 10c; $\frac{1}{4}$ oz. 30c.



Scabiosa, Imperial Giant - Blue Moon

SCARLET RUNNER BEAN

A rapidly growing climber. Has sprays of brilliant scarlet pea-shaped blossoms. May be used as a snap or shell bean for eating purposes or as an ornamental climber. Pkt. 10c; oz. 10c., postpaid.

SCHIZANTHUS

DR. BADGERS IMPROVED GIANT FLOWERED HYBRIDS—Large flowers, brilliant range of colors from light pink to deep purple through rose. Each flower with a large golden blotch. Plants compact, 12 to 14 in. Outstanding for the best florist trade. Pkt. 10c.

SHASTA DAISY

A splendid hardy variety with flowers rarely less than 4 inches across, of the purest glistening white with yellow center, broad, overlapping petals and borne on long stems. A beautiful cut flower, remaining in good condition a week or more.

CONQUEROR — Flowers very large, pure white, stems about $2\frac{1}{2}$ to 3 feet long. Pkt. 10c; oz. \$1.00.



Antirrhinum or Snapdragon

ANTIRRHINUM OR SNAPDRAGON

Snapdragons are very hardy and easy to grow and produce an abundance of flowers from the time they begin blooming in the Spring until frost. They are among our most popular flowers and are especially desirable for cutting. We carry only the best Rust-proof Strains.

MAXIMUM GRANDIFLORUM RUST-PROOF—This is the newest creation in Giant Snapdragons and is a marked advance over the old type in size and brilliancy of color and is immune to rust.

Paradise Rose — Deep rose pink. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

Alaska (Snowflake) — white. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

Canary Bird—Golden yellow center. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

Crimson King—Fiery Crimson. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

RUST-PROOF MIXED — Contains wonderful range of all the most popular colors. Pkt. 10c; $\frac{1}{4}$ oz. 70c.

DWARF RUST PROOF MIXED — Grow about 18 in. tall. Many beautiful shades. Pkt. 10c.

YELLOW GIANT — Soft canary yellow with a white tube. Exquisite color. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

TETRAPLOID MIXED — Tetra Snaps are a new scientific creation. Flowers 2 to $2\frac{1}{2}$ inches deep and $1\frac{3}{4}$ to $2\frac{1}{4}$ inches wide and are distinctly ruffled. This mixture will give you almost all colors known and some new ones. Pkt. 10c; $\frac{1}{4}$ oz. \$1.25.

STOCKS

COLUMN — Non Branching. An excellent new class producing one stem, $2\frac{1}{2}$ feet strictly set with large double flowers. Colors white, silvery lilac, ruby and pink, also mixed. Pkt. 25c.

GIANTS OF CALIFORNIA

This superb branching type produces immense spikes of two inch florets and averages better than 70% double. One mammoth spike per plant can be produced when transplanted four to six inches apart in beds.

EXQUISITE MIXED — Pkt. 10c; $\frac{1}{4}$ oz. \$1.00.

DWARF TEN WEEKS MIXED — Pkt. 10c; $\frac{1}{4}$ oz. 50c.

EARLY BRANCHING NICE MIXED — Pkt. 10c; $\frac{1}{4}$ oz. 50c.



Statice

STATICE

Our annual Statice is not only a beautiful flower in the border, but dries retaining its true colors, which are rare among everlasting, and have come to be indispensable in making winter bouquets.

SINUATA MIXED — Pkt. 10c.

SUNFLOWER

DOUBLE SUN GOLD — Golden yellow, chrysanthemum-like double blooms, 6 to 8 in. across, on tall sturdy stems. Ideal for our hot arid days. **Pkts. 10c; oz. 40c; postpaid.**

25c invested in a package of **ROOTONE** will pay big dividends in germination of flower seeds plus increased vigor in the root system, giving more and better flowers. (See page 24.)



SWEET PEAS

EARLY FLOWERING SPENCERS — They come into bloom from four to six weeks earlier than the standard varieties and are well into flower before the dry summer weather begins. The flowers are equally as large as the standard Spencers with long stems and are beautifully ruffled.

Early Blue Bonnet, clear deep blue.

Early Bridesmaid, silvery pink.

Early Cascade, long stemmed white.

Early Celestial, cerise salmon rose.

Early Florist Blue, best clear blue.

Early Florist Rose, pure rose-pink.

Early Lavanda, true lavender.

Early Mars, ox-blood crimson.

Early Red Giant, true crimson.

Early Skippy, light salmon pink.

Early Triumph, lilac mauve.

Early Exquisite Mixed, choice blend containing a spectrum of color. **Pkt. 10c; oz. 35c.**

NEW "CUTHBERTSON" SWEET PEAS

(Formerly Spring Flowering)

The "ULTRA" in the Sweet Pea family, deriving its fame from its extreme heat-resistance. The "CUTHBERTSON" Sweet Peas boast huskier vine-growth, longer pencil-thickness stems, and a glittering array of sparkling colors. We are so enthused with our success with "CUTHBERTSON" Sweet Peas that we are discontinuing the older standard late flowering Spencers as obsolete.

Billy — light blue.

Cuthbertson Tommy — blue.

Cuthbertson David — bright rose crimson (pkts. only.)

Cuthbertson Carol — clear pink.

Cuthbertson Marion — cream, black seeded.

Cuthbertson Kenneth — crimson.

Cuthbertson Frank G. — lavender.

Cuthbertson Jessie — mauve.

Cuthbertson Lois — rose pink.

Cuthbertson Evelyn — salmon cream pink.

Cuthbertson Coline — scarlet.

Cuthbertson Janet — white, black seeded.

Cuthbertson Purple

Cuthbertson Light Carmine

Cuthbertson Mixed — a blend of the above colors.

Prices Pkt. 10c; oz. 40c.

SUPERB SPENCER MIXED—balanced mixture of many varieties.

GIANT RUFFLED MIXED —
Prices on above; Pkt. 10c; oz. 25c.

PERENNIAL SWEET PEA

These are useful for covering walls, stumps or trellises. The large clusters of flowers are not fragrant like ordinary Sweet Peas. The plants will live for years. Fine for cut flowers. **Mixed Pkt. 10c; oz. 45c, postpaid.**

SWEET WILLIAM

Beautiful flowering plants; produces a splendid effect in borders and beds with its rich and varied flowers

DOUBLE MIXED—Perennial. **Pkt. 10c.**

THURNBERGIA

BLACKEYED SUSAN

A lovely plant with large showy flowers. Forming a dense mat of foliage and flowers. Colors range through yellow, orange, buff, to pure white, mostly with jet-black centers, or eyes. **Pkt. 10c.**



Tritoma

TRITOMA

RED HOT POKER—Very handsome and showy border plants. Flowers borne in compact form on stout 3 and 4 ft. stems having the appearance at a distance of orange and red colored spear heads. Require protection during winter, unless in a very sheltered position. **Pkt. 10c**

For Better

SWEET PEAS

Inoculate

WITH

NITRAGIN

VERBENAS

HYBRID GRANDIFLORA

SPECTRUM RED — Vivid crimson. Pkt. 10c.
LAVENDER GLORY — Lavender, cream eye. Pkt. 10c; ¼ oz. 75c.
PURE WHITE — Pkt. 10c; ¼ oz. 75c.
EXQUISITE MIXED — Pkt. 10c; ¼ oz. 75c.
ROYALE BLUE — Royal blue, creamy yellow eye.

VINCA

(Periwinkle)

Highly ornamental, free-flowering, compact evergreen shrubs, with shining green foliage and handsome circular flowers. 18 inches high.

PURE WHITE—Beautiful pure white. Pkt. 10c.

ROSE — Rose, with crimson eye. Pkt. 10c.

MIXED — Pkt. 10c.

VIOLA

(Johnny Jump Up)

Beautiful small flowers that are very similar to Pansies. The blooms are not as large as those of the regular pansies, yet they bloom more freely. Pkt. 10c; oz. \$2.25.

VIRGINIA STOCKS

FRENCH FORGET-ME-NOT

Height 6" to 8". Sprays of mass rose and white blooms. Ideal for edging and rockeries. Pkt. 10c

WALLFLOWER

SINGLE MIXED — Creamy white, yellow, light brown, blood-red and mahogany sweet-scented flowers are quickly and profusely produced on 1 foot plants. Pkt. 10c; oz. 50c.

CALIFORNIA GIANT ZINNIAS

or Mammoth Special Florist's Strains

The great advantage of this type is that the very large flowers are of enormous size and flat, getting away from the conical type of the Giants and eliminating the stiffness that has been so objectionable in Zinnias in the past. The flowers from the time they open are attractive, making them a good cut flower from the early bud until they are in full bloom. They are twice the size of the ordinary Giants.

BRIGHTNESS—Light rose, deep rose center.
VIOLET QUEEN—Deep Lavender.
ORANGE KING—Cadmium or orange scarlet.
GRENADIER—Bright dark red.
SCARLET QUEEN—Glowing deep scarlet.
DAFFODIL, IMPROVED—Canary yellow.
PURITY—Best white.

MISS WILLMOTT—Soft pink.

LUTHER BURBANK A super giant mixture of interesting pastels.

SPECIAL FLORISTS' MIXTURE — Pkt. 10c; ¼ oz. 25c; oz. \$1.00.

GOLD MEDAL DAHLIA-FLOWERED ZINNIAS

The Dahlia-Flowered Zinnia is the latest thing in the Zinnia line and is undoubtedly the most handsome one that has been propagated so far by any grower. They are exceptionally large and the many shades and colors in which they come make them simply indescribable.

EXQUISITE—A light rose, deep rose center
ORIOLE—Orange and gold bi-color.

CANARY BIRD — Rich canary yellow.

DREAM Deep rosy lavender.

POLAR BEAR—Large creamy white.

CRIMSON MONARCH—Deep crimson.

WILL ROGERS — Lovely brilliant deep scarlet.

SPECIAL MIXTURE—Contains all of the above Dahlia-Flowered Zinnias and others we do not list.

Price on all of the above Dahlia-Flowered Zinnias: Pkt. 10c; oz. \$1.00.

SATEX CALIFORNIA GROWN ZINNIAS

FANTASY ZINNIAS

Chrysanthemum Flowered

ZINNIA FANTASY or **CHRYSANTHEMUM FLOWERED**. — Fantasy is the most fascinating new Zinnia type introduced to the flower world in many years. The very informal, shaggy-appearing flowers are graceful and interesting, quite distinct from the still, formal Zinnias to which we are accustomed. The rounded medium sized flowers are composed of a mass of shaggy ray-like petals which give a delicate and refined appearance.

STAR DUST—Rich deep golden yellow.

WILDFIRE — Dazzling scarlet.

ROSALIE — soft cream pink.

MELODY — Lavender shading to deeper mauve (new).

WHITE LIGHT—Clear-est white found in Zinnias.

FINEST MIXED—A real bright colorful mixture.

Pkt. 10c; ¼ oz. 50c; oz. \$1.75.

DAVID BURPEE — Are strikingly different variety, very large, with petals so attractively curled and quilled that the flowers may be likened to chrysanthemums. Pkt. 25c



Zinnia - Fantasy

SUPER FANTASY — David Burpee Mixed. Giant shaggy flowers of the Fantasy type in many new pastel shades. For something novel in Zinnias be sure to include David Burpee Mixed. Pkt. 10c; ¼ oz. 35c; oz. \$1.00.

LILLIPUT OR POMPOM

The plants form handsome little bushes and fairly bristle with tiny, short-stemmed, very double flowers hardly exceeding a daisy flower in size. They are very pretty plants; bloom all Summer until late in the Fall.

BLACK RUBY—Dark red. All American selection.

PURPLE GEM—Lavender.

CANARY GEM — Canary Yellow

CRIMSON GEM

ROSEBUD—Rose pink

SALMON GEM—Salmon Rose

VALENCIA—Burnt orange

WHITE GEM

SCARLET GEM

DAINTY GEM — Dainty bicolor rose.

PASTEL MIXTURE

FINEST MIXED

Pkt. 10c; ¼ oz. 30c; oz. 90c.

GAILLARDIA FLOWERED

NAVAJO—Dainty double flowers resemble the Picta Double Gaillardias in both form and coloring. Finest mixed. Pkt. 10c; ¼ oz. 35c; oz. \$1.00.

ZINNIA LINEARIS

Plants grow 1 ft. high and are covered throughout the season with deep orange-yellow single flowers, 1½ inches across, each petal having a narrow golden yellow stripe. Pkt. 10c; oz. \$1.50.

EARLY WONDER MIXED — Earliest of all Zinnias, for short seasons and late planting. Plant 18-24 inches tall, with flowers 3 to 4 inches. Prolific bloomer. Pkt. 10c; oz. \$1.00.

PUMILA DWARF DOUBLE

(Cut and come again)

On bushy plants 18 inches tall, fully double flowers are borne in abundance. The flowers average two inches across, and are held above the foliage on stout stems. They make fine border plants, registering color well, or excellent plants for large pots and tubs. They are also fine cut flowers.

CANARY YELLOW

CRIMSON

GOLDEN ORANGE

PINKIE—Rose pink

SALMON ROSE

SCARLET—Bright scarlet

SNOW BALL—White

SUNSHINE TINTS — Mixed

Pkt. 10c; ¼ oz. 25c; oz. 75c.

LILLIPUT — TOM THUMB

Plant 4"-6". Compact covered with well formed flowers of the Lilliput type. Colors range through red, orange, yellow, pink, rose and other pastel shades. Excellent for pot plant and border use. Finest mixture. Pkt. 10c; oz. \$1.00

SUPER CROWN OF GOLD

Pastel Tints—NEW

A vastly improved strain of the Crown of Gold type, with large well formed flowers in soft pastel shades; each petal overlaid at the base with deep golden yellow. Pkt. 10c; ¼ oz. 60c; oz. \$1.00.

BEAUTIFY YOUR HOME WITH FLOWERS

Plant Satex Better Flower Seeds

There is practically no limit to the beauty that may be built into your home grounds and at very small cost. **PLANT MORE FLOWERS!**

SOIL — A sandy loam is most preferable for flowers, but almost any type soil can be rendered suitable. If too heavy, add sand. Peat Moss will improve both light and heavy soils.

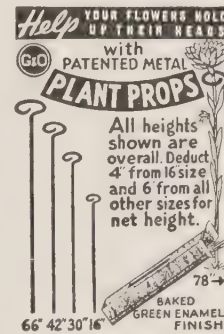
SOWING — After soil has been prepared, sow seed carefully either in rows or broadcast as you have decided, then **COVER LIGHTLY**. As a general rule most seeds are covered to a depth not exceeding four times the thickness of the seed. **DO NOT COVER SEED TOO DEEP** as they may not be able to come up. After covering **PRESS SOIL FIRMLY** with plank or flat side of hoe. Very small seeds should be sown on the surface of soil and merely **PRESSED IN**.

STARTING PLANTS INDOORS — Half hardy or tender varieties or even hardy flowers requiring a long season to bloom should be started in boxes for earliest blooms. Procure best soil available especially rich in humus and plant as previously explained. Place boxes near window where sunlight may reach them but do not let inside room temperature

get so high as to make plants grow rank and spindly. Keep soil moist but not wet. When three or four leaves have formed, transplant one inch apart in boxes or in open ground, if warm enough. Before setting plants in garden "harden off" by placing boxes outside on mild days until they are able to stand the weather without injury.

CULTIVATING — As soon as growth commences cultivate between rows and near plants to conserve moisture and permit the entrance of air but above all keep down weeds — which can truly be called the robbers of the soil. Cultivate deeply at first and then gradually more shallow as plants get larger so their roots may not be injured.

WATERING — The best and safest time to water is early in the morning or in the evening. The roots of plants may be irrigated at any time of the day. Remember that one thorough soaking will do more good than many scanty sprinklings.



METAL PLANT PROPS

- (a) Just hook 'em in — the job's done.
- (b) Support Flowers, Vegetables better.
- (c) Termite and rot proof. No rag ties.
- (d) Baked in garden green enamel.
- (e) So simple a child can place.
- (f) Processed stiff steel of varying thicknesses to suit required support.

16 in. size, 60c doz.; 30 in. size, \$1.25 doz.;
42 in. size, \$1.50 doz.; 66 in. size, \$2.50 doz.;
78 in. size, \$3.70 doz.

FLOWER SEED PLANTING CHART

(Symbols used: A—annual. B—biennial. P—perennial)

Name of Flower	Height of Plant	Good Cut Flowers	Best Use	Location Sun—Shady	When to Plant
Ageratum	8-24 in.	Yes	Bedding	Sunny	Jan. to May
Alyssum (A)	2-12 in.	Fair	Edging	Sunny	February to May
Antirrhinum (A)	1½-5 ft.	Yes	Bedding	Any	Jan. to May — Sept. to Nov.
Aquilegia (P) Columbine	24-48 in.	Yes	Border	Any	Jan. to Sept. — Sept. to Nov.
Arctotis (A)	18-24 in.	Yes	Border	Sunny	Feb. to May
Asters (A)	12-30 in.	Yes	Bedding	Any	January to April
Balsam (A)	18-30 in.	Fair	Border	Sunny	February to April
Calendula (A)	12-36 in.	Yes	Bedding	Sunny	Jan. to April — Sept. to Nov.
Campanula (A)	18-42 in.	Fair	Border	Sunny	Feb. to May — Sept. to Oct.
Candytuft (A-P)	12-18 in.	Yes	Bedding	Sunny	Feb. to April — Sept. to Nov.
Carnation (A-P)	18-36 in.	Yes	Bedding	Sunny	Feb. to April — Sept. to Nov.
Celosia (A)	24-36 in.	Fair	Bedding	Sunny	February to May
Centaurea (A)	24-36 in.	Yes	Bedding	Sunny	Feb. to April — Sept. to Nov.
Coleus (A)	12-24 in.	No	Bedding	Sunny	Jan. to April
Coreopsis (P)	18-36 in.	Yes	Bedding	Sunny	Feb. to May — Sept. to Nov.
Cornflower (A)	1-3 ft.	Yes	Border	Sunny	Jan. to Feb. — Oct. to Nov.
Cosmos (A)	48-72 in.	Yes	Bedding	Sunny	March to May
Dahlia (P)	36-72 in.	Yes	Bedding	Sunny	February to April
Daisy (A-P)	10-30 in.	Yes	Edging	Any	Feb. to April — Sept. to Nov.
Delphinium (P)	36-60 in.	Yes	Border	Sunny	Jan. to March — Sept. to Oct.
Dianthus (A-B)	4-15 in.	Yes	Bedding	Sunny	Jan. to March — Sept. to Nov.
Dimorphotheca (A)	8-12 in.	Yes	Border	Sunny	Feb. to May
Hechtsholtzia (A)	10-12 in.	Yes	Bedding	Sunny	February to May
Feverfew (P)	18-24 in.	Yes	Bedding	Sunny	February to May
Four O'Clock (A)	24-30 in.	No	Border	Sunny	March to May
Gaillardia (P)	18-30 in.	Yes	Bedding	Sunny	Feb. to May
Gerbera (P)	18-24 in.	Yes	Bedding	Sunny	Feb. to April
Geum (P)	18-24 in.	Yes	Bedding	Sunny	Feb. to April
Globe Amaranth (A)	12-18 in.	Yes	Bedding	Sunny	March to May
Godetia (A)	12-18 in.	Yes	Border	Any	Feb. to May
Gypsophila (A-P)	18-24 in.	Yes	Border	Sunny	March to May
Helichrysum (A)	24-36 in.	Yes	Bedding	Sunny	Feb. to May
Heliotrope (P)	18-24 in.	Fair	Bedding	Shady	Feb. to May
Hollyhock (P)	5-8 ft.	Yes	Border	Moist	Jan. to March — Sept. to Oct.
Linarias (A)	12-18 in.	Yes	Rockery	Sunny	Mar. to May
Lantana (P)	24-36 in.	Yes	Bedding	Sunny	February to April
Larkspur (A)	36-48 in.	Yes	Bedding	Sunny	Jan. to April — Sept. to Nov.
Kochia (A)	36 in.	No	Border	Sunny	Mar. to May
Marigold (A)	8-30 in.	Yes	Bedding	Sunny	March to May
Mignonette (A)	10-12 in.	Yes	Edging	Sunny	March to May
Morning Glory (A)	20-50 ft.	No	For shade	Sunny	March to May
Nasturtium (A)	12-14 in.	Yes	Edging	Sunny	Feb. to May
Nicotiana	30-42 in.	Yes	Border	Sunny	March to May
Pansy (P)	4-6 in.	Yes	Edging	Any	Jan. to Feb. — Oct. to Nov.
Petunia (A)	18-24 in.	Fair	Bedding	Any	January to May
Phlox (A)	12-18 in.	Yes	Bedding	Sunny	January to May
Poppy (A)	24-60 in.	Yes	Bedding	Sunny	Jan. to March — Sept. to Nov.
Portulaca (A)	4-6 in.	No	Edging	Sunny	March to May
Ricinus (A)	5-10 ft.	No	Massing	Sunny	March to May
Salvia (A)	24-42 in.	Yes	Bedding	Sunny	February to April
Salpiglossis (A)	18-30 in.	Yes	Border	Any	Feb. to May
Scabiosa (A-P)	24-30 in.	Yes	Bedding	Sunny	March to May
Statice (A)	12-18 in.	Yes	Bedding	Sunny	Mar. to May
Stocks (P)	24-30 in.	Yes	Bedding	Sunny	Feb. to April — Sept. to Nov.
Sunflower (P)	48-72 in.	Yes	Border	Sunny	March to May
Sweet Pea (A-P)	4-8 ft.	Yes	Cutting	Sunny	Jan. to March — Oct. to Dec.
Sweet William (P)	12-24 in.	Yes	Bedding	Sunny	Jan. to April — Oct. to Nov.
Tithonia (A)	4-6 ft.	Yes	Cutting	Sunny	March to July
Verbena (A)	6-10 in.	Yes	Edging	Sunny	January to April
Vinca (P)	15-18 in.	Fair	Bedding	Sunny	March to May
Viola (P)	6-7 in.	Yes	Bedding	Any	Feb. to April — Aug. to Sept.
Zinnia (A)	24-36 in.	Yes	Bedding	Sunny	March to August

BULBS FOR SPRING PLANTING

WRITE FOR FALL BULB LIST
READY ABOUT SEPT. 1st.

AMARYLLIS

NOVEMBER TO MARCH

GIANT "CALIFLORA" HYBRIDS — This is the finest giant strain grown in California. Huge flowers of the desirable flat type with rounded petals overlapping. Colors grand and clear, Scarlets, Pinks, and Salmons. Our extra large bulbs, (3½ in. diam.) are sure to produce Flower Show Exhibition blooms. Prices: \$1.00 each; \$11.00 per dozen.

GIANT AMERICAN HYBRIDS — (Mead Strain) — Not quite so desirable as the "Califlora" strain for exhibition, but offering a wider range of colors. Equally well-suited for pot or outdoor culture. Large 3 inch bulbs sure to bloom. Prices: ea. 80c; per doz. \$9.60.

AMARYLLIS SEED — We are collecting an elite group of exhibition types of ROYAL DUTCH HYBRIDS in named varieties for propagating purposes. We will possibly have a small quantity of hand pollinated seed to offer for June and July delivery only, in the following colors: Pure White, Pure Salmon, Pure Rose, Pure Crimson, Pure Orange, and perhaps for the first time seen in this country, Pure Purple. Prices and further particulars will be supplied upon request.



TUBEROUS ROOTED BEGONIA

BEGONIAS

Tuberous Rooted Double Camellia Flowered

These are among our most beautiful summer flowering plants, interesting to grow and give excellent satisfaction. Are particularly useful for bedding in semi-shaded places, for planting in window boxes, and are equally valuable as house plants. Colors as follows: Scarlet, Pink, Salmon, Copper, Yellow, Dark Red and White. 2 in. and up bulb, each largest size ---- 45c.

A POINT TO REMEMBER! All of our bulbs are the finest money can buy and all are the largest size available. Many mail orders houses are prone to list special extremely low prices on assortments, collections, and quantity orders, but fail to mention the size of the bulbs. We cite one instance where a lady ordered 100 Rainbow Gladioli for \$2.39, which she planted, and in due course of time was rewarded with two small straggly blooms, the other 98 bulbs failed to bloom because they were too small. For \$1.00 she could have bought a dozen number one high-crowned bulbs and gotten 12 first quality blooms, with no more effort expended. **WHICH DO YOU WANT? — WE HAVE ONLY THE LATTER TO OFFER!**

GADIOLA BULBS

BEACON — Salmon red, cream throat. Doz. 75c postpaid.

BLUE BEAUTY — Best of all the medium blues. Doz. 85c postpaid.

CORONA — Bluish white, pink petal edge. Doz. 95c postpaid.

DR. BENNETT — Standard scarlet. Doz. 80c postpaid.

ELIZABETH THE QUEEN — Ruffled lavender. Doz. \$1.15 postpaid.

ETHEL CAVE COLE — New, big light pink. Doz. 80c postpaid.

MARGARET BEATON — White with small red blotch. Doz. 80c postpaid.

MRS. MARK'S MEMORY — Giant deep purple. Doz. 90c postpaid.

MYRNA — Exhibition ruffled white. Doz. 80c postpaid.

PICARDY — Standard salmon pink. Doz. 80c postpaid.

PURPLE SUPREME — New tall purple. Doz. 90c postpaid.

SPOTLIGHT — Yellow with red throat. Doz. \$1.15 postpaid.

SPOTLIGHT — New ruffled scarlet. Doz. 90c, postpaid.

UHU — Holland's finest smoky. Doz. \$1.35 postpaid.

WHITE GOLD — New giant cream. Doz. 80c postpaid.

MIXED — Good assortment of colors. Doz. 70c postpaid.

YELLOW EMPEROR — Reliable yellow. Doz. 80c, postpaid.

NEW DUTCH GADIOLA BULBS

HOPMAN'S GLORY — Orange shaded buttercup yellow. Doz. 95c postpaid.

VINCENT VAN GOGH — Salmon scarlet. Doz. 95c postpaid.

NIEUW EUROPA — Geranium red, cream blotch. Doz. 85c postpaid.

PINKIE — A new excellent pink. Doz. 95c postpaid.

LEEUEWENHORST — Pure pink. Doz. 95c, postpaid.

MANSOER — Blood-red, glossed blackish purple. Doz. 85c, postpaid.

PAUL RUBENS — Reddish violet, magenta markings. Doz. 85c, postpaid.

LAVENDER DREAM — Light purplish blue. Doz. 85c, postpaid.

SALMAN'S GLORY — Cream white, red blotch. Doz. 85c, postpaid.



GLADIOLI

DAHLIA (Decorative)

BLUE RIVER — 10 inch blooms of silvery lilac. This dahlia is among the most popular of large type. Each 50c postpaid.

CLARA CARDER — 12 inch giant blooms of vivid pink. Low growing habits. Choice for the garden show. Shaggy. Each 55c postpaid.

CROYDON GLORY — 12 inch lemon yellow giant. This Australian novelty is one of the finest of all dahlias. Very choice. Each 50c postpaid.

D'ARCY SAINSBURY — 10 inch pure white perfection blooms. Medium bush producing fine foliage and stem. Each 50c postpaid.

ELANOR FRANCIS — 10 inch compact blooms of blood-red. Heavy green foliage and fine keeping qualities rate this dahlia very high. Each 50c postpaid.

HILL'S SUPREME — 8 inch clear deep rose pink on very excellent stem. This is one of the finest dahlias and a good keeper. Price 45c each.

MRS. G. LeBOUTILLIER — 12 inch giant deep red. Wonderful producer and one of the most popular dahlias of our time. Each 40c, postpaid.

ROYAL PENNANT — 8 inch rich royal purple. Excellent all round dahlia, being choice for its intensity of color. Each 50c postpaid.

SHERWOOD'S PEACH — 12 inch giant blooms of orange and apricot blends. One of the outstanding varieties grown. Very vigorous in every way. Price 60c each.

DAHLIA (Cactus and Semi-Cactus)

FIGARO — 10 inch rich yellow with red pencilling on petals. An excellent show dahlia with size and class. Each 70c postpaid.

GEN J. J. PERSHING — 10 inch semi-cactus of fine exhibition quality. Deep mahogany with splotches of wine red. Medium bush with heavy green foliage. Price 70c each.

GOVERNOR HEIL — 10 inch incurved cactus of delicate orange rose. This blend is magnificent and a pride to every one who grows it. Price 70c each.

VIRGINIA RUTE — 10 inch blooms of deep blood red. This semi-cactus is a fine producer and a leader in this type. Price 70c postpaid.

CALADIUMS

Price: 40c each Postpaid

EDITH MEAD — Erect snow-white leaf (not transparent), with red ribs and narrow green edge.

RED FLARE — Similar to Scarlet Pimpernelle but blotched with two shades of green. A fine pot plant.

TEXAS WONDER — Mottled crimson center with pink and green blotches; veins white and yellow. Tall vigorous variety.

FIRE NYMPH — Similar to Firebrand but a taller and stronger grower, and mottled with two shades of bright pink and straw color.

CRIMSON WAVE — Large deep green leaf with crinkled, transparent crimson or scarlet center and many crimson spots toward edge. Strong grower.

MRS. W. B. HALDEMAN — Medium leaf of bright pink with narrow green edge. Very fine and popular.

CANDIDUM — Fine Easter variety and very popular. Leaf snow-white with green veins and network, narrow green border.

LORD DERBY — Transparent rose with dark green ribs and narrow green edge. Very popular.

GLOXINIAS

What we commonly call Gloxinias are Sinningias from Brazil, raised in the tropical rain forests. The name Gloxinia is probably more familiar to the grower. These colorful house plants have tuberous rhizomes and are easily grown in pots and transplanted to a garden bed, preferably in a semi-shaded place. Colors—

EMPEROR FREDERICK — Scarlet with white band.
EMPEROR WILLIAM — Deep violet with white band.
ROI DES ROUGES — Deep crimson-red, ruffled edges.
PRINCESS ELIZABETH — Blue with white throat.
PRINCE ALBERT — Dark Violet.
BLANCHE DE MERU — Deep rose, white throat.
MONT BLANC — Dazzling pure white.
LARGE 2" BULBS — Each 50c.

Gloxinias are very deservedly coming into great popularity in this locale, due to their ease of culture, and their unsurpassed brilliance of colors. This Regal Flower does best as a pot plant grown in partial shade. The tubers should be planted in a rich sandy loam containing generous amounts of leaf mold, rotted manure, or compost. The top of the tuber should be placed just level (or slightly higher) than the top of the soil. In watering, always place the pot in another receptacle and let the water be absorbed from below. The plants should be in full flower about two months from planting.



GLOXINIA

LYCORIS—(Pink Spider Lilly) (July delivery)—**Radiata**. Planted in July and August, these beautiful flowers will appear in late September before ever producing foliage. Sometimes known as Guernsey Lilly and erroneously called Nerine, the cirise blooms radiate from an 18 inch reedlike stem. After blooming the green foliage appears and continues growth until the following summer when dormancy sets in. Plant outdoors in a partial shade; or in pots, either with soil or in a bowl with gravel and water just as Narcissi are sometimes grown. Large blooming size bulbs. Prices: 10c each; \$1.00 doz.; \$8.00 per 100.

TIGRIDIA

"CALIFLORA" HYBRIDS, commonly called Mexican Shell Flower. The curious three-petaled flowers are large and wonderfully marked and spotted. Plant 2 inches deep in sandy loam, 4 to 6 inches apart in shade or partial shade. Largest size bulbs, 1 in.-up in diameter: 10c each; \$1.00 per dozen, postpaid.

TUBEROSES

MEXICAN EVERBLOOMING — The most beautiful Tuberose that was ever brought to our attention; it begins to produce its fragrant flowers in June and blooms continually until frost. Plant in good soil, and water occasionally during extreme warm weather, and an abundance of lovely flowers will be the reward. In the southern part of the State the bulbs may be left in the ground all winter. Doz. 50c; 100, \$3.50, post-paid.

FLORIST'S & COMMERCIAL GROWERS!

We will be pleased to quote our wholesale prices on seeds and bulbs in bulk and quantities. Your inquiries will be appreciated and will receive our most careful attention.



Have Every Feature You Want in a Garden Glove

**All-Leather—DIRT PROOF—Durable
 SOFT — Comfortable — WASHABLE**

Easy on the hands and easy to wear!

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for garden, housework, yard, painting, furnace, garage, etc. You'll like them.

Sizes for Women (small, medium, large) for Men (small, medium, large).

GLOVES

Small sizes, \$1.25 pair; Large sizes, \$1.35.

For the JOY of

ORGANIC GARDENING

ACTIVO

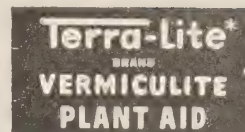
To make the most of your garden—to build rich, virile soil that will grow prettier flowers, bigger and better and more healthful vegetables and fruits, handsome shrubs, and velvety lawns—you need only one product—**Activo**.

- Makes rich activated fertilizer from waste—leaves, garbage, grass, chaff, corn cobs, etc. . . . even saw-dust and soot—quickly cheaply, easily. No manure required.
- Turns GARBAGE into humus, WITHOUT ODOR, in 2 to 6 weeks!
- Conditions, activates and sweetens soils (applied directly). Adds life and energy.
- "Stretches" and improves chemical fertilizer. Converts it. Removes "burn" danger. A new and unusual gardening "trick."
- Aids mushroom production; reduces odors in out-door toilets and converts waste to easily-handled humus.

With Activo you may have your own odorless fertilizer factory—even in basement, garage or tiny backyard. Let us tell you how! And get your supply of Activo today.

No. 2 size, for up to 425 lbs. waste ————— \$1.00
 No. 7 size, for up to 1350 lbs. waste ————— \$2.00
 No. 25 size, for up to 3 tons waste ————— \$6.99

(\$6.79 in stores; many localities)



Terra-Lite is a brand of vermiculite specially refined for horticultural use.

SEED GERMINATION — Seeds planted in Terra-Lite germinate more quickly and in better percentage than those planted in any other medium. This is particularly true of small seeds and those especially susceptible to pre-emergence damping-off. The mass of hair roots produced by seedlings grown in Terra-Lite is much denser than that produced by any other medium.

ROOT CUTTINGS—Roots are better when using Terra-Lite, and they emerge from three days to three weeks sooner. Three cuttings can be taken off in the time usually required for two.



SOIL AMENDMENT—As a soil amendment, Terra-Lite lightens and aerates the heavy clay type soil and also aids a sandy soil by retaining moisture otherwise lost. Even a small amount of Terra-Lite added to a soil will make a noticeable difference.

MULCH — Terra-Lite meets all the requirements of a winter garden mulch. It never mats down or becomes soggy. Because of its high insulating factor, it prevents wide fluctuation in winter soil temperature. 2 to 3 inches of Terra-Lite is quite as effective as several inches of less efficient material.

STORING ROOT CROPS AND BULBS — Terra-Lite is probably the finest medium for storing root crops and bulbs. It acts as an almost perfect moisture control. Does not absorb the moisture from the inside of a tuber, but it does take up the free water from the outside.

4 qt. bag (approx. wt. 2 lbs.) ————— \$.40
 ½ bu. bag (approx. wt. 5 lbs.) ————— .90
 2 bu. bag (approx. wt. 18 lbs.) ————— 2.25

f.o.b. San Antonio

SUDBURY'S SOIL TEST KIT



NEW TWO-MINUTE SOIL TEST KIT

Every gardener and farmer needs the soil information this kit gives in a **Two-Minute Test**. No knowledge of chemistry needed. This \$1.00 model tests for acidity only. Tells whether soil is sweet or acid and to what degree. Complete with full instructions, \$1.00.

HOME GARDENERS SOIL TEST KIT

A \$2.50 test kit. Tests for nitrogen, phosphorous, potash and acidity, giving all essential information to produce maximum crops with least expense for fertilizer. Complete with instructions and data on plant needs, \$2.50.

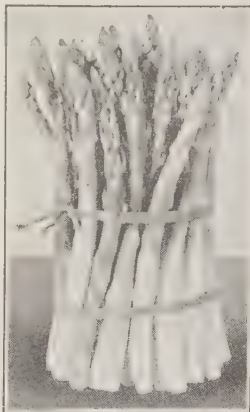
NEW JUNIOR PROFESSIONAL MODEL

Tests for nitrogen, phosphorous, potash and acidity. Indicates the soils needs of plant food and denotes proper fertilizer formulae for individual soils. Complete instructions. Helpful charts, showing preferences of 75 flowers, 50 vegetables, and of lawn grasses, enabling the grower to choose the varieties that will thrive in his soil. \$4.75.

ASPARAGUS

CULTURE—Sow seed thinly in drills 1 foot apart early in the spring or fall, after soaking seed in warm water for 1 hour. Use a rich well worked light soil and when well up, thin plants to 1 inch apart and cultivate often until the plants are a year old.

Transplant or set out the roots in permanent bed, using the richest soil you have thoroughly prepared and worked very deep. Set roots 4 inches deep and 18 inches apart in rows 4 to 6 feet apart. Cultivate frequently until plants meet in the rows. Use plenty of stable manure or other fertilizer on bed before and after setting out roots, mixing well into soil.



Mary Washington

MARY WASHINGTON — Light green, heavy yielding early producing large, clear stalks of excellent quality. Very early. Pkt. 5¢; oz. 20¢; ¼ lb. 60¢; 1 lb. \$1.75

BEANS

(Green Bush Beans)

CULTURE — For Spring planting, plant beans after 1st. of March or after all danger of frost is past. Plant in rows 2 to 3 feet apart covering seed about 1 to 1½ inch deep. See that the soil is moist enough to sprout the seed and do not water beans until they have broken through the surface or have sprouted, for beans watered right after they have been planted have a tendency to rot especially if the ground is too cold or too warm. Thin the plants to a stand of from 2 to 3 inches apart in the row. Shallow cultivation should be frequent until blooming, then stop to avoid injury to the root. Frequent picking of the crop insures prolonged bearing period. Never cultivate or pick beans when the vines are wet, as it causes the pods to rust. ½ lb. plants 100 foot row, 30 to 40 lbs to the acre. For a better yield inoculate beans with Nitragin. See page 25.

BURPEE'S STRINGLESS GREEN POD — 52 days — The pods are medium green, 5 to 6 inches long, cylindrical, larger than those of the Red Valentine but not quite as fleshy, of equally high quality and remain crisp and tender longer. Absolutely stringless. Pkt. 10¢; lb. 50¢; postpaid; 10 lbs. \$2.75 not postpaid.

GIANT STRINGLESS GREEN POD — 54 days — Another exceptionally fine bean for home or market, perfectly stringless, pods longer than Burpee's Stringless, strong, vigorous grower, and a continuous bearer of delicious beans for weeks.

Pkt. 10¢; lb. 50¢; postpaid; 10 lbs. \$3.00 not postpaid.

STRINGLESS BLACK VALENTINE. — 49 days — A wanted sort for market gardeners and home use. Most attractive oval pods, nearly straight, dark green and strictly stringless. Quality and flavor exceptionally good. Pkt. 10¢; lb. 50¢; postpaid; 10 lbs. \$3.00 not postpaid.

PINTO BEANS

PINTO BEANS — Grown mostly for a dry bean but makes a good snap bean when the pod is young and green. Pods are flat and tender.

lb. 40¢, postpaid.

BUSH WAX BEANS

(Yellow Pod Beans)

IMPROVED GOLDEN WAX — 49 days — One of the best beans in cultivation. Pods are long, nearly straight, broad and flat, and golden yellow; seed white, more or less covered with two shades of purplish red.

Pkt. 10¢; lb. 55¢; postpaid; 10 lbs. \$3.50 not postpaid.

PENCIL POD WAX — 52 days — Early and very productive; pods large, 5 to 6 inches long, round, straight and creaseback, strictly stringless, free from fibre, fleshy and brittle; of highest quality; color very clear yellow. Pkt. 10¢; lb. 55¢; postpaid; 10 lbs \$3.50 not postpaid.

BUSH LIMA BEANS

HENDERSON'S DWARF LIMA — 66 days — The earliest variety of dwarf Lima Beans, fully 2 weeks earlier than any other variety. Plants about 16 inches high and very prolific. Beans are small. Recommended to anyone desiring early Lima Beans.

Pkt. 10¢; lb. 50¢; postpaid; 10 lbs. \$3.50 not postpaid.

SPECKLED BUSH LIMA — 65 days This variety is generally known as "calico or speckled" butter bean. The beans are of fine quality, either green-shelled or dry. It is very prolific and does well in the driest weather. The seed is sort of a brownish color.

Pkt. 10¢; lb. 55¢; postpaid.

FORDHOOK No. 242 — 75 days. At last, the large lima (or butter) bean can be grown in southern climatic conditions. Developed by the U. S. Department of Agriculture to produce heavily under high temperature conditions, the plant is tall and spreading with a profusion of pods containing 3-4 large, plump, light-green beans. An excellent quick-freeze variety. Pkt. 10¢; lb. 60¢; postpaid.

POLE LIMA BEANS

(Plant Seed with Eyes Down)

CAROLINA or SIEVA—77 days—Beans are small and white on the order of Henderson Bush Lima. Plant of large growth, very early, vigorous and productive.

Pkt. 10¢; lb. 55¢; postpaid.

POLE SPECKLED LIMA — 78 days—This fine Butter Bean is better adapted for the wants of the Southern farmer than any other variety. It is a certain and abundant cropper. The vines are strong growers and cling well to the poles or trellis. Bear early and late. Both pods and beans are larger than the old white Carolina or Sieva Butter Beans; the beans are speckled in color, white spotted with red but are of the very highest quality, both in the green and dry state.

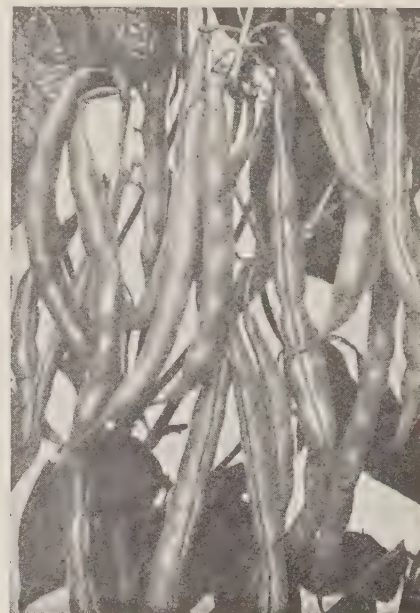
Pkt. 10¢; lb. 55¢; postpaid.

POLE BEANS

CULTURE—Pole beans may be grown on fence or wire netting or in two rows of hills with poles 5 to 6 feet long, fixed in center of each hill with each set of four poles tied together. Indian tepee fashion. Plant 5 to 7 seed in each hill and thin to 2 to 3 plants per hill. When planted in rows thin to 6 to 8 inches apart. ¼ lb. plants 50 foot row, 15 to 20 lbs to the acre.

STRINGLESS BLACK CREASEBACK—58 days. The green pods are 6 to 7 inches long, straight, round, absolutely stringless, tender and of finest eating quality. The vines are strong, vigorous, extremely productive and disease-resistant. A brilliant future is predicted for this outstanding type.

Pkt. 10¢; lb. 55¢; postpaid.



Kentucky Wonder

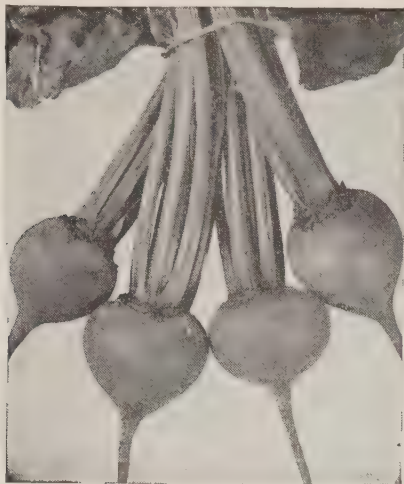
KENTUCKY WONDER — 65 days — An excellent green-podded variety; enormously productive, the long pods hanging in great clusters among the entire vine. They cook very tender and melting. Seed dark brown. Pkt. 10¢; lb. 55¢; postpaid.

MARKET GARDENERS FLOWER GROWERS



We will be pleased to have an opportunity of quoting you quantity prices. Mail us list of your requirements and our quotations will be sent by return mail. Let us hear from you.

**BE SURE! INOCULATE
ALL BEANS WITH
NITRAGIN D**



Detroit Dark Red

GARDEN BEETS

CULTURE—Soak beet seed for several hours before planting. Plant in rows 10 to 12 inches apart and cover seed about $\frac{1}{2}$ inch deep. Plant seed about one inch apart. Thin out when about 5 to 6 inches tall leaving one plant every four inches. Plant tops make splendid greens, one ounce will sow 50 feet of row. 4 to 5 lbs per acre.

CROSBY'S EGYPTIAN — 60 days — We have an unequalled strain of this superb, extra early sort. A flattened globe shape; skin very dark red, flesh a trifle lighter in color and slightly zoned. Tops small.

Pkt. 5¢; oz. 15¢; $\frac{1}{4}$ lb. 45¢; lb. \$1.25 postpaid.

EXTRA EARLY LIGHT ECLIPSE — 65 days — A fine early table beet, top-shaped or tapering, globe shape. Flesh deep crimson, zoned with pink. Crisp and sweet.

Pkt. 5¢; oz. 15¢; $\frac{1}{4}$ lb. 45¢; lb. \$1.25 postpaid.

DETROIT DARK RED — 68 days — Roots are roundish, smooth, dark red; flesh is bright red zoned with lighter; crisp, tender, sweet; good keeper.

Pkt. 5¢; oz. 15¢; $\frac{1}{4}$ lb. 45¢; lb. \$1.35 postpaid.

EARLY BLOOD TURNIP — 65 days — A standard, medium early variety of excellent quality; is also good for summer and fall use. The flesh is deep red zoned with a lighter shade; sweet, crisp and tender; nearly round.

Pkt. 5¢; oz. 15¢; $\frac{1}{4}$ lb. 45¢; lb. \$1.25, postpaid.

FERRY'S CROSBY — 50 days — The flesh is bright vermillion red with fainter zoning. Tops are small, but fairly coarse. Root flattened, globe shape with small tap root.

Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 50¢; lb. \$1.50 postpaid.

GREEN TOP BUNCHING — 55 days. — An attractive early bunching beet, tops of medium size, erect, of greyish green color that does not turn red in the fall. Roots are round, smooth, glossy and slightly flattened when mature. Interior of root is blood red and has less fibre than most bunching beets.

Pkt. 5¢; oz. 15¢; $\frac{1}{4}$ lb. 45¢; lb. \$1.25 postpaid.

SWISS CHARD

CULTURE — Assures an abundance and never-failing supply of fine "greens" all through the summer and fall months. Gives maximum returns for little care and space. Gather when half grown for best flavor. Cut close without injuring heart of plant, and another crop will spring up. Grows in any ordinary garden soil. In rich soil, however, and with good culture, it makes an amazingly luxuriant growth and furnishes an abundance of greens. Sow in rows 12 inches apart, and thin to 5 inches apart in the row. One ounce will sow 100 feet of row; 4 to 5 pounds per acre.

FORDHOOK GIANT — 50 days — No other garden vegetable will produce more nutritious food from a small space than Swiss Chard. Of rapid growth. Foliage and leaf stalks used same as Asparagus or Spinach.

Pkt. 5¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.25 postpaid.

LARGE-RIBBED DARK GREEN — 50 days — Large, smooth leaves of thick texture grown mostly for the heavy main ribs which are prepared like Asparagus. The green succulent foliage is used like Spinach. An old standard variety which still is grown also quite extensively for its pearly white stalks.

Pkt. 5¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.25 postpaid.

STOCK BEETS

Too much cannot be said about this wonderful feed and every dairy and every farm and every stock raiser should have at least an acre or two of Stock Beets — the returns will be surprising. Sow in the fall and spring, give the ground thorough cultivation. After first cultivation, thin out, so as to stand 6 inches apart in the row, then cultivate same as you would corn. Sow 5 pounds to the acre, in rows $2\frac{1}{2}$ feet apart.

MAMMOTH LONG RED. No other variety of Mangels can compare with this in yield. It grows well above the ground, is easily harvested; the deep red roots are strong, well formed and solid. Especially well adapted for deep soil. On good soil they will sometimes grow 18 inches long, leaves are dark, the flesh white, being veined with rings of rose-pink. An excellent keeper and a wonderful milk producer when fed to dairy cows.

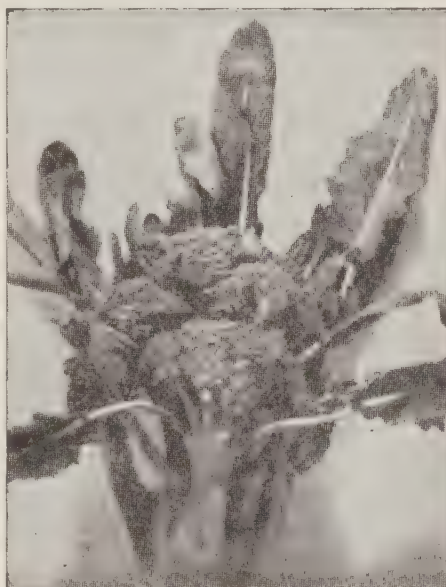
Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 90¢, postpaid.

GIANT HALF SUGAR. This is considered by many the greatest beet for feeding stock; it is richer in sugar than the Mangels and not so rich as the Sugar Beet. It grows about one-half out of the ground and is an excellent

Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 90¢, postpaid.

BROCCOLI

CULTURE — Sow in seed-bed during July, August and September. Transplant in very rich soil in rows $2\frac{1}{2}$ feet apart, $1\frac{1}{2}$ feet between plants. Matures best during cool weather. We recommend 600 pounds 4-12-4 Fertilizer mixture applied when land is prepared. An extra top-dressing of nitrate of soda will stimulate growth. One ounce will produce 1,500 plants; 4 to 6 ounces, an acre.



CALABREZE GREEN SPROUTING — 65 days — This is a distinct variety grown by Italian market-gardeners for Italian trade only. The plant forms a large solid head which remains green. After this head is cut off, a number of smooth sprouts develop from the leaf-axes, each sprout terminating in a small head about 1 inch in diameter. Bunched and sold as a second crop. Sow seed in frames early in spring; market in June and July.

Pkt. 5¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.25 postpaid.

BRUSSELS SPROUTS

LONG ISLAND IMPROVED — 70 days. Plants 22"-26" tall; stems thickly set with firm cabbage-like balls of $1\frac{1}{2}$ " diameter, maturing successively. If you can grow cabbage, you can grow Brussels Sprouts, so why be without this delicacy? Pkt. 5¢; oz. 30, postpaid.

CABBAGE

CULTURE — For plants in hot-beds, sow seed early in January, then transplant in open in February and March. Later sow early varieties out-of-doors in March and April. For winter cabbage, sow seed in July, August and September, then transplant in October. One ounce of seed will produce about 3,000 plants; 10 ounces of seed will produce enough plants to set out an acre in rows 30 inches apart. 15 to 18 inches apart in the row between plants.

RED ROCK — 110 days — The largest and surest heading cabbage, round, solid and dark red; medium to long stem.

Pkt. 5¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.20; lb. \$3.50, postpaid.

EARLY JERSEY WAKEFIELD — 65 days — The most widely known and popular extra early variety. Heads solid; leaves numerous, deep green and coarsely crimped.

Pkt. 5¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.25 postpaid.

ALL-HEAD EARLY — 77 days — Deep flat heads slightly rounded at top, 8 to 9 inches broad, $6\frac{1}{2}$ to 7 inches deep usually weigh about 6 pounds. Uniform in size and color. The solid heads are of the finest quality. A heavy yielder.

Pkt. 5¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.25 postpaid.



All Head Early

SAVOY CHIEFTAIN — 90 days — Heads round, compact, solid; leaves numerous, deep green and coarsely crimped.

Pkt. 5¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.20; lb. \$3.50, postpaid.

CHARLESTON WAKEFIELD — 75 days — About one week later than Early Jersey Wakefield, but the conical heads are fully one-half larger.

Pkt. 5¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.25 postpaid.

STEIN'S EARLY FLAT DUTCH — 90 days — An early and excellent type of Early Flat Dutch, with a medium stem. Heads round, flat and solid.

Pkt. 5¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.25 postpaid.

COPENHAGEN MARKET — 75 days — Very fine, stem short, heads large, round and solid, with few outer leaves of an upright growth. Nearly as early as Jersey Wakefield.

Pkt. 5¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.25 postpaid.

GLORY OF ENKHUIZEN — 77 days — A very attractive second early variety, used largely for kraut, also by truckers and shippers. Heads large, round, solid, with few outer gray green leaves, of excellent quality.

Pkt. 5¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.25 postpaid.

CABBAGE (Continued)

CHINESE CABBAGE (Wong-Bok) — This wonderful variety produces a beautiful, crisp, celery-like head that bleaches easily. As a salad it rivals the finest lettuce grown; when cooked like spinach or cabbage makes excellent "greens." Sow seed in any good soil, making the rows 24 to 38 inches apart and thinning to 12 inches apart in the rows. It will not stand frost, so sow early in the fall and again in the spring. Be sure and try some of this wonderful variety, as it is easy to grow. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

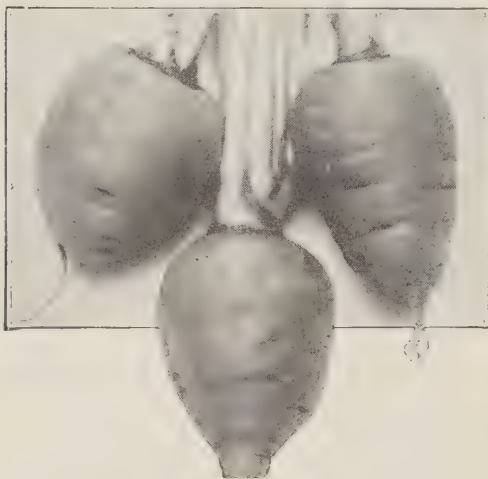
CAULIFLOWER

LATE BROCCOLI TYPES — Under the names of November-December; January and February-March, these types do well planted in the summer months for late Cauliflower. They are not quite as tight heading as the Snowball but as they come in later, are excellent on that account. Pkt. 10c; oz. \$2.00; ¼ lb. \$6.00; lb. \$18.00.

EARLY SNOWBALL — 65 days — Popular extra early strain, of dwarf, compact growth. Every plant will make a fine solid head of good size, under favorable circumstances. Pkt. 10c; ¼ oz. 90c; oz. \$2.50; ¼ lb. \$7.50 lb. \$22.50, postpaid.

CARROTS

CULTURE — Plant the seed ½ inch deep in loose, deep, well prepared soil, making rows 16 to 24 inches apart. Cultivate as soon as plants are established and thin to 2 to 4 inches in the rows, according to the size of the variety. One ounce will sow 100 feet of row; 3 to 4 pounds, an acre.

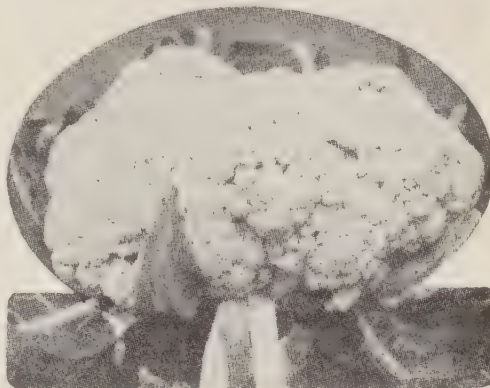


Oxheart

DANVERS HALF LONG — 75 days — Broad shouldered, cylindrical, admirable in color. Always a favorite because reliable and attractive in form, color and weight. Most popular sort. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

OXHEART or GUERANDE — 72 days — One of the most popular and best croppers among the short carrots. The shape is particularly desirable for heavy soil. The true type is about 4½ inches long and 3½ inches thick at the shoulder. It tapers slightly to the bottom and is very stump-rooted. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

IMPERATOR—77 days. An outstanding strain bred for market-garden use and for shipping. It fills the demand for a longer type to compete on markets with California Carrots elongated under irrigation. The roots are 7 to 8½ inches long, graceful, smooth, and uniformly tapered to a semi-blunt end. Flesh is rich orange-red, extending to core. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.



CHANTENAY — 72 days — One of the best carrots for all purposes. Roots about 6 inches long, blunt pointed, smooth, fine grained, sweet, a heavy yielder. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

NANTES CORELESS — 70 days. Excellent for home and market gardens. Tops very small. Roots bright orange, cylindrical, blunt ended. Flesh reddish-orange, crisp, tender, and of very delicate flavor; practically coreless. The highest quality half-long Carrot. Pkt. 5c; oz. 20c; lb. \$1.75, postpaid.

CELERY

CULTURE — Start seed in partly shaded seed-beds of very rich fine loose soil. Cover seed not over ¼ inch. Transplant when 6 inches high, in rows 24 inches apart, and set the plants 6 inches apart in the rows. One ounce will produce 3,000 plants; 2 to 4 ounces will set an acre.



Golden Self Blanching

GOLDEN SELF BLANCHING — 120 days — The best market variety especially for early summer. The plant is naturally golden-yellow both stem and leaves but needs to be blanched to make it brittle; fit for table use; forms rather small bunch. Pkt. 5c; oz. \$1.00; ¼ lb. \$3.00; lb. \$9.00, postpaid.

COLLARDS

CULTURE — Sow collards as you would cabbage, the plants should be spaced about 2 feet apart in rows. One ounce of seed will produce about 2,000 plants.

GEORGIA CREOLE — Plant 2 to 3 feet high, forming a cluster of tender undulated leaves at the top of its rather long stem; used as greens.

Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c, postpaid.

CANTALOUPE

CULTURE — Plant in hills 5 to 6 feet apart, dropping 10 seeds to the hill; thin out to three plants to the hill; cultivate until the vines cover the ground, and pinch the ends off the early shoots to induce early fruiting. Do not plant too close to cucumbers as they may give your cantaloupes a cucumber taste. Do not use Sulphur as a dust as it has a tendency to burn the plants.

ROCKY FORD — 92 days — The most largely cultivated variety in use. Grown in great quantities in Colorado. Fruit is slightly oval, finely netted and slightly ribbed. Flesh thick, green, very sweet and of fine quality and high flavor.

Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75 postpaid.

IMPROVED PERFECTO — 90 days — A Muskmelon that has become very popular in the last few years. Almost round, heavily netted, slightly ribbed; a very good shipper.

Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75 postpaid.



Perfecto

HONEY ROCK — 95 days — The flesh is deep, thick, of orange color, with a sugary and luscious flavor all its own. Rind is so tough, and the flesh so firm that it can be allowed to ripen on the vine and then shipped long distances and yet arrive in perfect condition. The fruits are nearly round, medium in size, with a heavy, coarse netting over a slate-colored skin. The strong vigorous vines do not show any trace of blight. It is one of the most prolific varieties grown.

Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75 postpaid.

HALE'S BEST No. 36—85 days—A variety of Cantaloupe which is grown quite extensively in the Imperial Valley of California. Very early and excellent for shipping. The flesh is salmon and the shape oval, with heavy netting and prominent ribs. Very sweet.

Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00, postpaid.

IMPERIAL NO. 45 — Mildew Resistant—85 days—A new variety of Cantaloupe which is grown quite extensively in the imperial Valley of California. Very early and excellent for shipping. The flesh is salmon and the shape oval, with heavy netting and prominent ribs. Very sweet.

Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75 postpaid.

HONEY DEW — 112 days — The delicious honey-like flavor of this new melon has met with instantaneous public favor and created a sensation wherever used. The fruit is of large size, weighing 8 to 10 pounds each. The rind is perfectly smooth and cream colored. The flesh is from 1½ to 2 inches thick, light green in color, very sweet and juicy.

Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75 postpaid.

CANTELOPE (Continued)

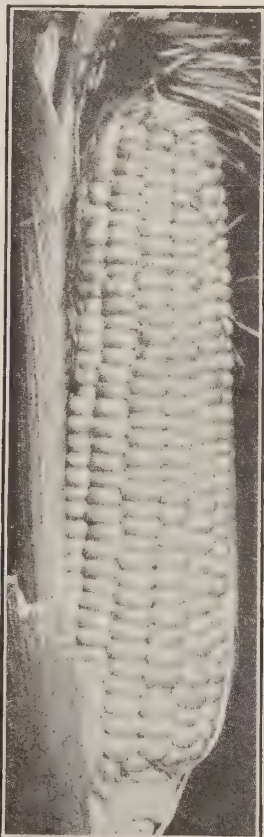
TEXAS RESISTANT No. 1 — 85 days. The new Aphis and Downy Mildew Resistant melon developed at Winter Haven Experiment Station by Dr. S. S. Ivanoff. So highly resistant to both these scourges that No. 1 will yield a normal harvest when other varieties are dead and gone, and dusting becomes unnecessary. The fruits are 5 to 6 inches by $4\frac{1}{2}$ to $5\frac{1}{2}$ inches, with moderate netting, making it a good shipper. The flesh is rich salmon color, sweet, and of firm texture. Seed cavity small with relatively few seeds. The yield is prolific, sometimes over 500 ungraded bushels per acre. Try it — you won't be disappointed; Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.00 postpaid.

CORN

(SWEET)

CULTURE — It is well to wait until the ground is warm before planting sweet corn as it is more susceptible to cold than field corn. Plant in rows $2\frac{1}{2}$ to 3 feet apart. Planting 2 to 3 kernels every 12 inches in the row. Plant about 2 inches deep. When about 10 inches high destroy all but the strongest stalk in each hill. Cultivate regularly. The first cultivation should be fairly deep, but later as the roots develop some of these will gradually come nearer to the surface and cultivation should be more shallow. Soil should be hilled up to corn and all side shoots or suckers removed.

$\frac{1}{2}$ pound corn plants 100 foot row, 7 to 10 lbs. per acre.



Golden Bantam

EXTRA EARLY ADAMS. — 75 days — This is not a Sugar Corn, but is earlier. The ears are short, 12-rowed, and while in condition for roasting cannot be told from Sugar Corn. It will stand earlier planting than Sweet Corn and is a favorite wherever worms work badly on early corn. Pkt. 10c; lb. 30c, postpaid.

GOLDEN BANTAM — 80 days — Early; golden yellow in color and of highest quality. Ears 6 to 7 inches long, 8-rowed, bearing from 2 to 4 ears to a stalk. Pkt. 10c; lb. 40c, postpaid.

COUNTRY GENTLEMAN — 90 days — An especially fine quality corn, cob small, white and densely covered with long, slender, white grains without row formation. Pkt. 10c; lb 40c; postpaid.

TRUCKERS' FAVORITE — 85 days — A splendid early white corn, coming in directly after Adams Early but much larger. Has a deep white soft grain. Pkt. 10c; lb. 30c, postpaid.

STOWELL'S EVERGREEN — 95 days — A standard main crop variety, much used for home garden, market and canning. Hardy and productive, very tender and sugary, remaining a long time in condition suitable for boiling. Pkt. 10c; lb 40c, postpaid.

GOLDEN CROSS BANTAM (Hybrid) — 85 days. — Extremely uniform in plant and ear characteristics and in maturity. Highly resistant to bacterial wilt. Now the most extensively used hybrid. Stalk sturdy and upright. Ears 10-14 rowed 8 inches long. Kernels rich yellow in color, medium in width and depth. Pkt. 10c; lb 55c postpaid.

IOANA (Hybrid) — 87 days. Bronze Medal, All America Selections 1939. An attractive yellow variety, highly resistant to wilt. Plants tall and sturdy. Ears $7\frac{1}{2}$ "-8" long, 12-14 rowed, cylindrical; well filled with medium-narrow, light yellow kernels. So well adapted to the south, Ioana is now a leading market variety in the Rio Grande Valley. Pkt. 10c; lb. 55c, postpaid.

CUCUMBER

CULTURE — Planting should be delayed until all danger of frost is past. Soil for planting should be warm, moist and loose. Cover seed about $\frac{1}{2}$ inch. Plant in hills 3 to 4 feet apart, 5 or 6 seeds to the hill. When 6 inches tall, thin to 3 plants to the hill. One ounce will plant 100 hills or 2 pounds to the acre.

A & C SPECIAL — About 10 inches in length and $2\frac{1}{4}$ inches thick, well rounded at the ends and has a rich dark, green skin. The color is retained a long time after picking making it a valuable market variety. White, crisp flesh, firm and tasty. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

IMPROVED CHICAGO PICKLING — 59 days — Meets the most exacting requirements of critical pickle makers. Vines healthy and very productive. Fruit the right size, shape, color and quality. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00, postpaid.

STAY GREEN — 55 days — "Stay-Green" is the earliest of the White Spine type; fruit 7 to 8 inches long, cylindrical in shape. Color a beautiful dark green from stem to blossom and, which is retained longer than any variety we know of. Vigorous grower, enormous yield, shipping quality unexcelled, and always commands the highest market price. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00, postpaid.

STRAIGHT EIGHT — 65 days — Produces symmetrical, almost cylindrical fruits, well rounded at both ends, quite straight, regularly 8 inches in length and from $1\frac{3}{4}$ to 2 inches in diameter. Deep green color; usually free from objectionable pale striping and tipping. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25, postpaid.

IMPROVED LONG GREEN — 70 days — Uniform in size, straight, smooth; deep green in color and a great favorite for slicing. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00, postpaid.

EARLY FORTUNE — 65 days — Early, good dark color and prolific. Fruits average about 10 inches. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75, postpaid.

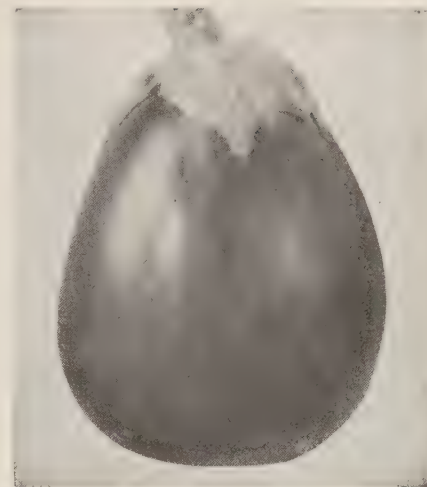
COLORADO — 60 days — A beautifully long, slender, dark green cucumber of excellent shape and intense dark color which is maintained longer than in any other variety. Fruit is inclined to taper, especially at stem end. Seeds form late in season and are few. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25, postpaid.

MARKETER — 65 days. A new early market variety. Vines very vigorous and prolific; fruits, $7\frac{3}{4}$ by $2\frac{1}{4}$ inches, slightly tapered to each end, very dark green in color. Notably uniform and trim in appearance. Pkt. 5c; oz. 25c; lb. \$2.25, postpaid.

GHERKIN — 60 days. Not a true cucumber, but greatly used for very small pickles, especially sweet. Fruits are pale green, covered with prickly spines; oval and uniform. Pkt. 5c; oz. 25c; lb. \$2.25, postpaid.

DILL

Dill — Used for seasoning. Pkt. 5c; oz. 20c, postpaid.



Black Beauty

EGG PLANT

CULTURE — Egg Plant seed germinates slowly and should be started in hot beds in February. Set the plants in open ground in April and May. Space the young plants $2\frac{1}{2}$ to 3 feet apart in rows. One ounce of seed will produce 1,500 plants or more, a quarter pound of seed sufficient for an acre.

IMPROVED LARGE PURPLE (Spineless) — 83 days — This variety is a genuine favorite both for market and home garden. The plant is spineless, large and spreading, with light green foliage. It usually produces 4 to 6 large, oval fruits of a splendid dark purple color. The vigor and productiveness and fine quality of the fruit makes it a most profitable variety for market gardening. Pkt. 5c; oz. 65c; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00, postpaid.

BLACK BEAUTY — 81 days — Rich dark purple, large and symmetrical, maturing a little earlier than our Improved Large Purple, but usually not quite as large. Very desirable for the market, as the fruit holds its color for a long time. Pkt. 5c; oz. 65c; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00, postpaid.

FORT MYERS MARKET — 85 days, possesses the characteristics of both Florida High-Bush and Black Beauty. The oblong fruits are oval in shape and of a beautiful, rich, lustrous, purplish black color. Very productive, extremely early, hardy. Pkt. 5c; oz. 65c; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00, postpaid.

ENDIVE

CULTURE — One of the most piquant and tasty salads grown; makes a beautiful garnish, and is splendid for greens. Sow from August, in rows 18 inches apart, covering seed firmly with $\frac{1}{2}$ inch of soil. Thin plants to 10 to 12 inches in the row. One ounce will sow 100 feet of row; 2 to 3 pounds for an acre.

LARGE GREEN CURLED — 95 days — Has very curly leaves, the mid-ribs being white and whitish, and the outer edges very much indented and crested. A very attractive plant and one of the best varieties. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb 50c; lb \$1.50 postpaid.

EVER WHITE CURLED — 100 days — The plants are moderately dense, with divided leaves, which are very light yellowish green in color, even the outer ones being very light. This variety blanches readily to an attractive creamy white. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb 50c; lb \$1.50, postpaid.

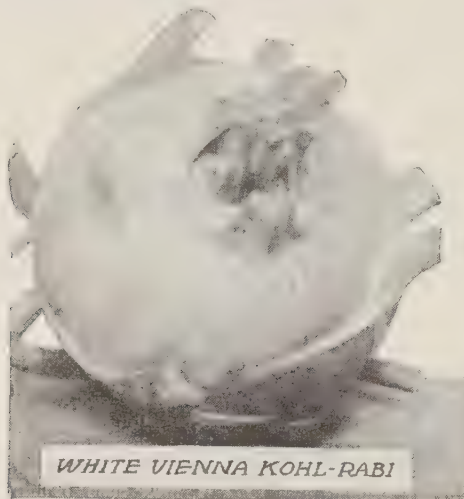
ARASAN — THE PERFECT DISINFECTANT FOR MOST GARDEN SEEDS.

KALE

DWARF CURLED SCOTCH — Low growing compact short stemmed plants with finely curled, bluish green leaves of delicious flavor. Plants grow 12 to 18 inches tall, with spread of 16 to 24 inches.
Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.25.

KOHL RABI

CULTURE — The edible part is the turnip-shaped bulb formed above the ground. It is tender and excellent when used before fully grown, combining the flavors of cabbage and turnip. Sow seed in early spring and when well established thin to 6 inches apart in the row. Plantings may be made in July for fall use. A packet will sow about 40 feet of drill; 1 ounce about 300 feet; 2 pounds sufficient for an acre.



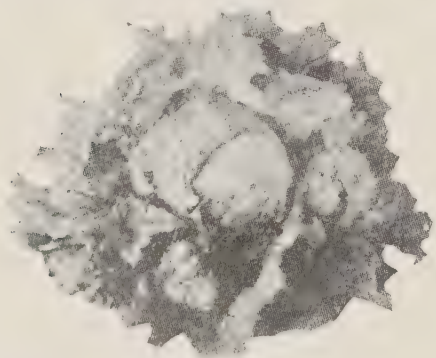
WHITE VIENNA KOHL-RABI

EARLY WHITE VIENNA — 55 days — A turnip-like bulb, formed above ground, combining somewhat the flavor of Cabbage and Turnips. The bulb is large enough to be used in 10 to 12 weeks from time of sowing, and is most tender and deliciously flavored before fully matured.

Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.25 postpaid.

LETTUCE

CULTURE — Lettuce can be started in cold frames in February and transplanted to open ground as soon as it can be worked. For late crop, sow the seed in open ground as soon as season permits in rows 15 to 18 inches apart; thin heading varieties 1 foot apart in the rows. Looseleaf sorts will stand closer growing. One ounce will plant 200-ft. row; 2 pounds will plant an acre.



Imperial No. 847

IMPERIAL No. 847 — 80 days. Produces immense heads as solid as a cabbage. Blanches beautifully; crisp, tender, and free from bitterness. The perfect heads measure 12 to 15 inches across and frequently weigh 2 to 3 pounds each. Outer leaves tightly overlap and are an attractive rich green. The heart is creamy white and the quality superb.

Pkt. 5c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00, postpaid.

FOR BETTER HEAD LETTUCE

It is not necessary to transplant lettuce to make good heads, but the plants should be thinned to about a one foot stand.

HANSON — 80 days — A fine large-heading variety. Leaves curled on the edges, light yellowish-green in color. The head is crisp and brittle and flavor excellent. Stands warm weather extremely well.
Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00, postpaid.

NEW CHICKEN LETTUCE — Here is a genuine Lettuce which will yield as much or more chicken or rabbit feed as any "greens" plant. When once cut it start to grow again. The leaves can be pulled off each stem like a kale. Chicken Lettuce does not make a head, but sends up a stout stalk 3 to 4 feet high, just loaded with leaves.

Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75, postpaid.

ICEBERG — 84 days — A large crisp lettuce, always tender. Iceberg stands hot weather remarkably. Give each head 14 inches in row. The color is light green lightly tinged with brown. Try this either for home or market garden. A little larger than Los Angeles and similar.

Pkt. 5c; oz. 30c; ¼ lb. 85c; lb. \$2.50, postpaid.

COS — Forms oblong heads of large size. Considered as superior to any other kind. An entire distinct type of lettuce. Sometimes called "Romaine Celery Lettuce."

Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00, postpaid.

BIBB — 57 days. — The tenderest, most brittle of all lettuce leaves are found in the loose, dark green heads of this variety. Grows fast in the spring or fall, maturing its loose heads, as big as a fist, with reasonable thinning. In hot weather it quickly runs to seed, so start it early. Pkt. 5c; oz. ; ¼ lb. ; lb. , postpaid.

OAKLEAF — 40 days. Extremely early and heat resistant. The leaves, resembling an Oak leaf, are small, tender, and deep green with a delicious butter-like flavor and a high vitamin content. Pkt. 5c; oz. 30c; lb. \$3.00, postpaid.

SATEX SPECIAL NEW YORK No. 12 — (The standard head lettuce grown so largely in California and misnamed by the produce trade as Iceberg). Produces immense heads as solid as a cabbage. The interior is beautifully blanched, creamy-white, crisp, delicious and very tender. It is a very strong, robust growing variety. The outer leaves are attractive deep green, broad, frilled at edge.
Pkt. 5c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00, postpaid.

BIG BOSTON — 76 days — A popular market variety used largely in the South to grow winter Lettuce for the northern markets. A light-green cabbage variety, slightly tinged with brown in the head. Has a fine golden buttery head.

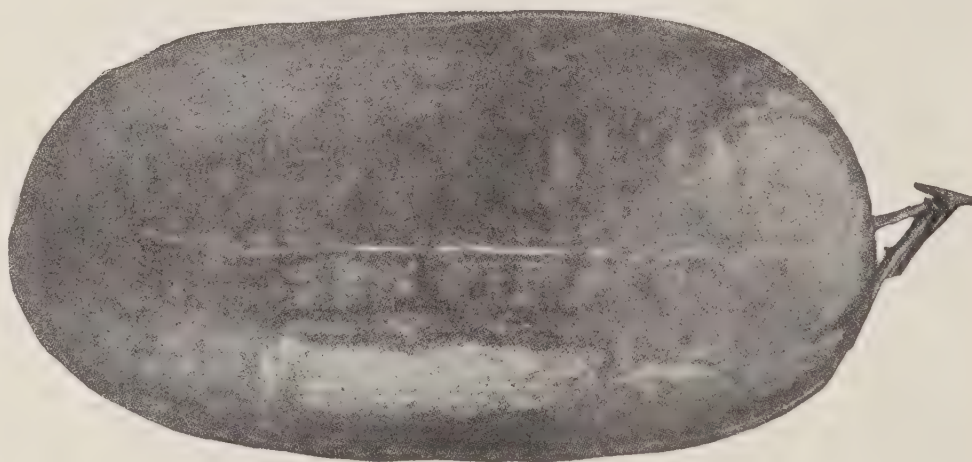
Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.25, postpaid.

EARLY PRIZE HEAD — Forms a mammoth plant, in which even the outer leaves are crisp and tender; color bright green tinted with brownish red. It is of superb flavor and very hardy.

Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00, postpaid.

IMPERIAL No. 44 — Developed from Imperial No. 152, No. 44 heads better in warm weather and is more resistant to tip-burn. Hard, well-formed heads, with long leaves, and heat resistance makes this lettuce ideal for the Southwest. White seeded. Pkt. 5c; oz. 30c; lb. \$3.00, postpaid.

WATERMELON



Wonder Melon

CULTURE — The seed should be planted in hills about 8 feet apart and it is well to work into the soil an abundance of well-rotted manure. It is important that the seed should not be planted before the ground becomes warm and dry, as the young plants are very sensitive to cold and wet. Put 10 to 12 seeds in a hill. When the plants have formed the first pair of rough leaves, they should be thinned so as to leave 2 to 3 of the strongest and best to each hill. Cultivate until vines cover the ground. A packet will plant about 10 hills; an ounce 30 hills; 2 to 3 pounds per acre.

WONDER MELON — 85 days — Here is a watermelon that every grower in the South will plant sooner or later. In quality of flavor there is nothing that will compare with it. A large and long melon resembling the Tom Watson. The rind is rather thin but tough, cutting a big red heart of the finest melon meat that you have ever tasted. White seed, with few to the melon.

Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.20, postpaid.

CUT RED TOM WATSON — 90 days — Without doubt the finest grade of Tom Watson seed ever offered the grower. The name represents everything that it stands for. The seed has been selected from only the finest and truest-to-type melons and only then from those that CUT RED from rind to rind. Regardless of what kind of melon you have been planting, it will pay you big dividends to plant some of this splendid seed.

Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.20, postpaid.

CLETEX — 85 days — Similar in shape and size to the Tom Watson. Sometimes called Spotted Watson from the fact that it has light green stripes which appear to be spots. Flesh is red and firm, of splendid eating quality. Does not sunburn easily and is a splendid shipper. The seeds are brown to a brown smear.

Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

WATERMELON (Continued)

DIXIE QUEEN — A new melon, round in shape, with white seed; often weighs as much as 60 pounds. Skin is striped dark green and greenish ivory; flesh is bright red, solid and of fine flavor. Rind thin, but strong. Uniform in shape, size, color and quality. Pkt. 5¢; oz. 20¢; ¼ lb. 60¢; lb. \$1.75, postpaid.

STONE MOUNTAIN — 90 days — A new round watermelon showing slight ribs or lobes like a cantaloupe. The color of the smooth skin is light green. The flesh is a uniform beautiful DEEP CRIMSON without any white hearts or stringiness. The average fruit weighs about 45 pounds. Not suited for distance shipping. Pkt. 5¢; oz. 15¢; ¼ lb. 40¢; lb. \$1.20, postpaid.

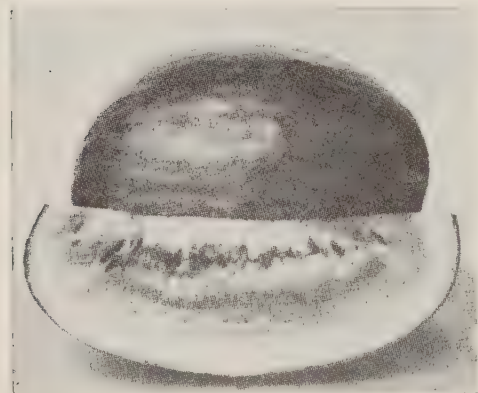
KLECKLEY'S SWEET — 80 days — A very desirable variety for the home garden or nearby markets. Fruit medium-sized, oval and skin dark green, flesh bright red and sweet. Skin is brittle. It is the very sweet, honey-like flavor that makes it especially distinct from all other varieties. Pkt. 5¢; oz. 15¢; ¼ lb. 40¢; lb. \$1.20, postpaid.

BLACK DIAMOND — 90 days. Also called Cannon-ball. A new monster melon, weighing up to 100 pounds when grown under ideal conditions. It is oval-round with blunt ends, has dark green skin and thick, tough rind. Ships well, though rather large for some markets. Flesh is firm, red and of excellent quality. Vines are vigorous and productive, and should be pruned to one or two melons to develop the largest size. Pkt. 10¢; oz. 25¢; ¼ lb. 70¢; lb. \$2.00, postpaid.

ALABAMA SWEET — 85 days — A very large, long melon of excellent quality; popular in the South, where it is grown extensively for shipping. The color is rather deep green, with dark, irregular striping. The rind is thin, but very tough. The flesh is bright red, fine grained and sweet. Pkt. 5¢; oz. 15¢; ¼ lb. 40¢; lb. \$1.20, postpaid.

IRISH GREY — 90 days — A valuable melon, producing more melons under any condition than any other variety. Also a fine eating melon, and a grand shipper. The red flesh is very sweet and free from stringiness. The rind will not sunburn and will keep in excellent condition long after picking. Pkt. 5¢; oz. 15¢; ¼ lb. 40¢; lb. \$1.20, postpaid.

FLORIDA GIANT — 90 days — One of the sweetest, largest and earliest watermelons. The fruit is almost round with rich dark green, medium thick rind and scarlet flesh of luscious sweetness. It has few seeds, is firm and solid, almost all heart. Will stand considerable handling making it an excellent shipper. Melons often weigh from 60 to 80 pounds. Pkt. 10¢; oz. 25¢; ¼ lb. 75¢; lb. \$2.00, postpaid.



Florida Giant

GOLDEN HONEY — 90 days. Oblong, medium size. Flesh, beautiful glistening amber shade, very tender, delicious flavor. Has no hard core or stringy sections. Recommended for home. Pkt. 5¢; oz. 15¢; ¼ lb. 40¢; lb. \$1.20, postpaid.

CITRON FOR PRESERVING — 95 days — A round light and dark-striped melon, meat greenish-white, used for preserving only. Seed red and small. Tough rind. Pkt. 5¢; oz. 15¢; ¼ lb. 40¢; lb. \$1.20, postpaid.

MUSTARD

CULTURE — Sow frequently in rows 12 to 18 inches apart, covering seed ½ inch deep. Thin plants to 5 to 6 inches apart in the rows. Give clean cultivation. The plants are in condition for use as soon as the leaves are the size of one's hand. Mustard runs to seed quickly, so that successive plantings are necessary for a continuous supply. One ounce will plant 100 feet-row; 2 to 3 pounds will plant an acre.

SOUTHERN GIANT CURLED — 30 days — Leaves are large, light green with tinge of yellow, much crimped and frilled at edges. Plant is upright and slightly spreading in growth. This variety is highly esteemed in the South for the market, as well as for the home garden on account of its vigorous growth, hardiness and good quality. Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90c, postpaid.

FLORIDA BROADLEAF — 30 days — An excellent sort with very large, light green, plain or comparatively smooth leaves, borne well above the ground. This sort is preferred by many, as it is more easily prepared for the table than the rougher-leaved varieties. Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90c, postpaid.



Florida Broadleaf

CHINESE — Leaves twice the size of White English; sweet and pungent. Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90c, postpaid.

MUSTARD — SPINACH KOMATSUNA OR TENDERGREEN

MUSTARD-SPINACH — Offered by some dealers in the South as TENDERGREEN. A quick growing vegetable of Oriental origin. It takes the place of spinach, as it remains tender even in dry weather. It is virtually an all season plant. Withstands extreme summer heat, also resistant to cold weather. The large, oblong leaves are dark green in color with a very small center rib. The leaves are cooked and prepared for table the same as Spinach and Turnip or Mustard Greens. It compares favorably to these greens in eating qualities. Does not make roots like Turnips; only small thin roots, about 2 or 3 inches in length.

Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90c, postpaid.

ONION PLANTS

CRYSTAL WHITE WAX or
YELLOW BERMUDA

100	Postpaid \$.35
500	Postpaid 1.25
1000	Postpaid 2.25

Write for larger quantity prices.

ONION SETS

CULTURE — Plant 4 inches apart in rows half an inch deep, and 1 foot between the rows, when cultivated by hand. Do not cover the sets entirely. All varieties can be set out in the fall as well as in the spring. One pound plants a 60 foot row.

White Bottom Sets _____ Lb. 50¢; bu.
Yellow Bottom Sets _____ Lb. 50¢; bu.
Pounds postpaid, bushels f.o.b. San Antonio.

OKRA

CULTURE — Plantings should be delayed until the soil is warm. Plant thinly, in rows 2½ feet apart, and cover seed about 1 inch deep. Thin to about 12 to 15 inches apart. Requires 8 to 10 weeks to mature. One ounce will sow 50 feet of row; 8 pounds, an acre.

KARGER'S

OKRA — Tender and very prolific. Extra early, at least two weeks earlier than most varieties. Bushes of uniform low or dwarf growth, pods thickly set and heavy bearing. Pods do not harden or become tough very readily.

Pkt. 5¢; oz. 10¢;
¼ lb. 30¢; lb. 90c, postpaid.

WHITE VELVET — Round, white, smooth pods of extra large size produced in abundance.

Pkt. 5¢; oz. 10¢;
¼ lb. 30¢; lb. 90c, postpaid.

PERKINS MAMMOTH LONG POD —

This variety is about three ft. high, very early and productive. The pods are deep green, very long, slender, slightly corrugated, very tender and of good quality. Desirable market as well as home garden sort.

Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90c, postpaid.

CLEMSON SPINELESS — 68 days. Plants grow 3½ to 4 feet tall. Pods rich green, straight, moderately ridged and of high quality. Remarkably uniform.

Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90c, postpaid.

ONION SEED

CULTURE — Plantings may be made from early September until March. Sow in rich soil, in rows 12 to 15 inches apart, and cover seed lightly. When 4 to 5 inches high, plants should be thinned to 3 to 4 inches apart in the row. Seed also can be sown in seed-beds and later transplanted to the field. Shallow cultivation should be practiced every week for 10 weeks. One ounce to 100-ft. row; 1 to 3 pounds to the acre.

YELLOW BERMUDA (Excel 986) — 95 days — This is the standard variety and is grown very largely among the large Texas onion growers. It is more hardy, less affected by disease, and more prolific than other onions.

Pkt. 5¢; oz. 50¢; ¼ lb. \$1.50; lb. \$4.50, postpaid.

CRYSTAL WHITE WAX — 95 days — This is the wavy white onion seen in our markets in the early spring, and it is one of the most beautiful onions on the market. It is absolutely pure white, of the finest flavor, and will always command a premium on the market.

Pkt. 5¢; oz. 40¢; ¼ lb. \$1.20; lb. \$3.50, postpaid.

WHITE SWEET SPANISH — A selection of the famous Riverside Sweet Spanish. In flavor, uniformity, and mildness it equals its predecessor, and the pure white skin improves its market appearance. Pkt. 5¢; oz. 50¢; ¼ lb. \$1.50; lb. \$4.50, postpaid.



White Velvet

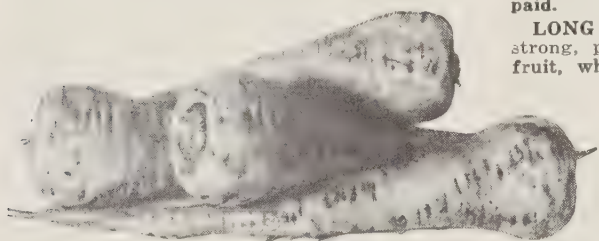
ONION (Continued)

EVERGREEN BUNCHING — An excellent bunching onion for home and market. Valuable for both home and market. A single seed produces a cluster of 4 to 8 stalks, which are used for green onions. Does not form a large onion.

Pkt. 5c; oz. 55c; ¼ lb. \$1.60; lb. \$4.75.

PARSNIP

CULTURE— Sow seed in spring or early fall in rows 12 to 18 inches apart, when plants are about four inches tall thin to a stand 4 inches apart in the row. ½ oz. seed for 50 feet. 3 to 4 lbs. to acre.



Hollow Crown

HOLLOW CROWN—An excellent variety for the table. The roots are long, with smooth, white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top of crown of the root.

Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00, postpaid.

PARSLEY

CULTURE — Soak seed for several hours previous to sowing, in warm water, which will facilitate germination. Sow in border or frame. Thin rows to 8 inches each way. One ounce of seed to 150 feet of drill.

CHAMPION MOSS CURLED — A very curled green and very ornamental.

Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.20 postpaid.

PLAIN or SINGLE — A very hardy variety. The leaves are flat and not curled. The best flavored variety.

Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.20, postpaid.

PEPPER

(Sweet)

PEPPERS ARE SPLENDID IN SALADS ALSO STUFFED

CULTURE — Plant seed in hot bed or flat in January. When danger of frost is past, transplant in rows three feet apart, setting plants from 15 to 18 inches apart in the row. Do not plant sweet pepper plants too close to hot pepper plants as they may cross pollenize and your sweet peppers may be pungent and your hot pepper may lose some of their pungency. One ounce of seed will produce approximately 500 plants. ½ lb. required for one acre.

CALIFORNIA WONDER — 75 days — A new variety which originated in California. It is one of the largest peppers grown and has remarkably thick and sweet flesh. Of excellent quality, a particularly heavy yielder.

Pkt. 5c; oz. 85c; ¼ lb. \$2.50; lb. \$7.50, postpaid.

WORLD BEATER — 75 days — This is without doubt, the finest introduction in peppers in ages. It is a cross between Chinese Giant and Ruby King, having the shape of the Ruby King, except that it is broader at the pointed end and almost the size of the Chinese Giant.

Pkt. 5c; oz. 65c; ¼ lb. \$2.00; lb. \$6.00, postpaid.

OAKVIEW WONDER — 69 days. Similar in type to California Wonder excepting that the plant is more dwarf and compact and the fruits are ready for market a full week to ten days earlier.

Pkt. 5c; oz. 85c; lb. \$7.50, postpaid.

PIMENTO or PERFECTION — 73 days — A medium early, prolific, perfectly mild variety with extremely thick flesh. On account of its thick flesh it will hold up for a long time; an excellent sort for canning whole.

Pkt. 5c; oz. \$1.00; ¼ lb \$3.00; lb \$9.00, postpaid.

PEPPER

(Hot)

HOT OR PUNGENT VARIETIES

RED CHILI — 82 days — Rather small, bright red variety about 2 inches long and pointed. Pods are used in making Chili Sauce and are very pungent and hot.

Pkt. 5c; oz. 50c; ¼ lb. \$1.50; lb. \$4.50, postpaid.

LONG RED CAYENNE — 70 days — A strong, pungent variety, having well pointed fruit, which is bright scarlet when ripe. A very popular variety. Pkt. 5c; oz. 50c; ¼ lb \$1.50; lb \$4.50, postpaid.

GREEN MEXICAN PICKLING JALAPENO — A variety widely grown in Mexico and used extensively for pickling and seasoning. The fruits are dark glossy green, thick meat and very pungent and considered one of the hottest in cultivation. Length averages 1½ to 2 inches and 1¼ inches in diameter.

Pkt. 5c; oz. \$1.35; ¼ lb. \$4.00; lb. \$12.00, postpaid.

CHILE SERRANO — This variety of hot pepper has become very popular in this section the past few years and this is the first year we have been able to get this seed. Makes a medium pod, and is very pungent.

Pkt. 5c; oz. \$1.35; ¼ lb. \$4.00; lb. \$12.00.



California Wonder

PEAS

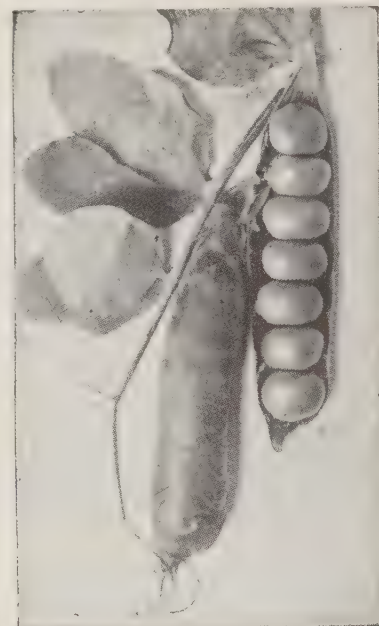
CULTURE — Peas should be planted as early as the ground can be worked in the spring. Plant a double row about 8 to 10 inches apart on a 24 inch bed. This is done so that the plants can support each other. Plant seed about 2 inches deep and about 2 inches apart in the row. Soil should be moist enough to bring up peas and do not water them until they have broken through the surface. 1 pound will plant 100 feet of row. 30 to 50 lbs. to the acre. For better peas, inoculate with Nitragin. As peas are a short season crop, successive sowings should be made.

CREOLE — 60 days. A telephone type growing 6 to 7 ft. high. Very hardy, standing extremes of heat and freezing. Pods 3 to 3½ inches with 5 to 7 sweet, tender, smooth green peas. Very prolific.

Pkt. 10c; lb. 40c, postpaid.

BLISS EVERBEARING — 76 days — An old standard, late, main crop variety. Height 8 feet. Vine and foliage sturdy and strong, dark green; pods usually in pairs containing 4 to 5 light green peas of good quality; matures following Telephone.

Pkt. 10c; lb. 45c, postpaid; 10 lbs. \$3.00, not paid.



Thomas Laxton

LITTLE MARVEL — 62 days — The very dark green vines are about 18 inches high, very sturdy and vigorous, and loaded with pods. The pods are very deep green and about 3 inches long, blunt ended and closely packed with peas of medium size. The peas are extremely tender and unsurpassed in sweetness.

Pkt. 10c; lb. 45c, postpaid.

FIRST AND BEST — 60 days — One of the earliest tall varieties, with smooth, round peas, which ripen almost at one time. Grows 2 to 2½ feet high, seed yellow-whitish, pods straight, short and well filled. Quality best of the smooth-seeded early varieties.

Pkt. 10c; lb. 40c, postpaid; 10 lbs. \$2.50, not postpaid.

WHITE MARROWFAT — 88 days — This is a very heavy yielding late variety. Pods large and well filled. The dry peas are of large size and are excellent for cooking.

Pkt. 10c; lb. 45c, postpaid.

ALASKA — 54 days — Blue pea of excellent quality. Earliest of all the blue sorts. A desirable early pea for market gardeners, growing from 2 to 2½ feet, and very productive.

Pkt. 10c; lb. 40c; postpaid; 10 lbs. \$2.50, not postpaid.

THOMAS LAXTON — 60 days — Excepting color of foliage and pods, in growth this is identical with the Gradus, 2 or 3 days late, but more productive.

Pkt. 10c; lb. 45c, postpaid; 10 lbs. \$3.00, not postpaid.

PUMPKIN

CULTURE — May be planted in middle of spring among corn or in hills 8 to 10 feet apart each way. Four seeds in a hill. If planted in hills, they are cultivated in the same manner as melons and cucumbers. For winter use gather before frost and store in a warm, dry place. Use a packet to 5 hills; 1 ounce for 25 hills; 3 to 4 pounds per acre.

CHEESE — 108 days — A very good table variety. Shape flat, like a cheese box; a good keeper. Often 15 inches across the top.

Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.20, postpaid.

KENTUCKY FIELD — 120 days — Sometimes called large Cheese. A very large, flattened pumpkin, averaging about 2 feet through. When ripened the skin is a rich cream color. Flesh yellow and of fine quality.

Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.20, postpaid.



Pie or Sugar

JAPANESE PIE — 115 days — Resembles the Cushaw in shape, but skin is dark green with lighter green stripes. Flesh deep yellow and of good quality. Weight about 12 pounds. Pkt. 5¢; oz. 15¢; ¼ lb. 50¢; lb. \$1.50, postpaid.

GREEN STRIPED CUSHAW — 115 days — Fruits very large, white crooked neck. Color, creamy white, irregularly striped or traced with green. Flesh light yellow, very thick, rather coarse but sweet. This sort is very productive and popular in some sections. Pkt. 5¢; oz. 15¢; ¼ lb. 45¢; lb. \$1.35, postpaid.

PIE PUMPKIN — 118 days — A small round, yellow sort, with fibre pinkish netting. Flesh is thick, sweet and of excellent quality. Pkt. 5¢; oz. 15¢; ¼ lb. 40¢; lb. \$1.20, postpaid.

CERTIFIED SEED POTATOES

IT PAYS TO PLANT CERTIFIED SEED;
ALSO TREAT WITH SEMESAN BEL

The most successful potato growers use nothing but certified seed. Certification has done for potatoes what breeding has done for horses, cattle, hogs, etc. Less disease, more No. 1 potatoes and greater profit to the grower. Every bag carries the tag of the inspection authorities; this is an assurance that every safeguard has been applied to have them as pure as is humanly possible.

CULTURE — Seed potatoes should be cut with one to two good eyes to each piece and planted in rows 30 to 36 inches apart dropping a cut piece from 12 to 18 inches apart in the row. Cover potatoes about 4 inches and as the plant develops hill up to about 6 inches. Plant in soil that is moist enough to bring them up and don't water them until plants are up as too much moisture may rot your potatoes if they are not properly sprouted. Cultivate regularly after they are up but not too close, so as not to disturb the root system. Do not plant potatoes in poor soil as potato yield is strictly governed by the fertility of your soil. Use plenty of well rotted manure or from 50 to 100 lbs. of commercial fertilizer to each 100 lbs. of potatoes planted. Potatoes keep best if they are dug when the vine is about half dead. 5 pounds plant 100 ft. of row—600 pounds to the acre. Treat potatoes with Semesan Bel before planting. See page 25.

IRISH COBBLERS — This variety is one of the most reliable and popular of the early varieties. It is of handsome creamy-white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly and a good keeper; in short, one of the best all-around early potatoes on the market. Ask for prices.

BLISS TRIUMPH or RED BLISS — This is the most standard red variety in the Southern States. It is very early and matures quickly. The potatoes are round and uniform in shape, eyes slightly depressed and a beautiful bright red in color. It is very hard, and not susceptible to disease. Ask for prices.

RADISH

CULTURE — Sow in drills 12 to 18 inches apart and thin out plants to stand about 2 inches apart. Give plenty of water to raise the best radishes. Successive plantings from 1 week to 10 days apart will keep you supplied with good fresh radishes. Sow 1 ounce to 100 feet, 5 to 6 pounds to the acre.

FRENCH BREAKFAST — 25 days — A quick growing, small olive shaped Radish about 1½ inches long by ½ to ¾ of an inch in diameter when fully grown. The color is beautiful deep rose scarlet except a little clear white about the tip. This is an excellent variety for planting outdoors for the home garden. Its small tops and earliness make it also desirable for growing under glass. Pkt. 5¢; oz. 10¢; ¼ lb 35¢; lb \$1.00, postpaid.

EARLY SCARLET GLOBE — 23 days — Most popular shipping variety. Roots are slightly olive-shaped and are a rich, bright scarlet in color. The flesh is white, crisp and tender. Tops are of nice size, about 6 inches or more; easy to bunch. Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90¢, postpaid.



Early Scarlet Globe

SPARKLER WHITE TIPPED — 21 days — one of the most popular and attractive short varieties. It is globe-shaped, bright rose carmine with bottom and tip clear white. Stems and leaves are small. Very valuable for forcing, also for the garden and market. Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90¢, postpaid.

CRIMSON GIANT — 28 days — If you desire a radish of more than two bites you will find this your liking. Roots large globular, 1 to 1½ inches in diameter, deep crimson in color. The white flesh holds its firmness well and is of superior quality. Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90¢, postpaid.

CHINA ROSE — 50 days — One of the best of winter varieties. The roots are cylindrical, or largest near the bottom, stump rooted or blunt at both ends. The skin is smooth and of a bright deep rose color. Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90¢, postpaid.

ICICLE — 29 days — A very fine, long, white variety; quick-growing, ready for use when very young. The flavor is mild and sweet. Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90¢, postpaid.

CHARTIER or SHEPHARD RADISH — 35 days — A variety of Long Scarlet; top deep crimson; almost white bottom. Pkt. 5¢; oz. 10¢; ¼ lb. 30¢; lb. 90¢, postpaid.

LONG SCARLET — 27 days. A standard sort for home gardens and truckers. Roots smooth, uniform, 5 to 6 inches long, tapering, with white crisp flesh; color dark scarlet; tops small. Pkt. 5¢; oz. 30¢; lb. 90¢.

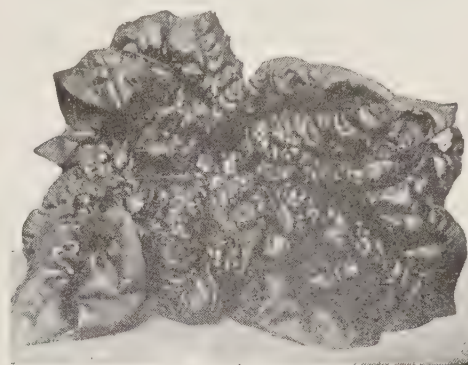
LONG BLACK SPANISH — 55 days — One of the latest and hardiest long garden radishes; especially adapted for winter use. The roots are long, thick, almost black somewhat wrinkled. The flesh is white, of firm texture, decidedly pungent, but well flavored. The roots when matured are usually 7 to 9 inches long by 2 or 3 inches in diameter at the thickest part. Pkt. 5¢; oz. 15¢; ¼ lb. 40¢; lb. \$1.20, postpaid.

SALSIFY VEGETABLE OYSTER

MAMMOTH SANDWICH ISLAND. — This variety is much more uniform in growth than the old standard "Long White" variety; it is twice the size and weight; the roots are of superior quality and most delicate flavor. Pkt. 5¢; oz. 50¢; ¼ lb \$1.50 lb \$4.50 postpaid.

SPINACH

CULTURE — The seed should be planted in very rich ground in drills 16 to 20 inches apart, and the plants should be thinned out 6 inches apart in the row when the leaves are 1 inch wide. Spinach seed may also be sown broadcast. One ounce, 100 feet; 8 to 10 pounds per acre in drills; 12 to 15 pounds broadcast.



Bloomsdale

BLOOMSDALE — 39 days — As an autumn sort it is superior to all others; but in the spring is inclined to shoot early. The leaves are twisted and bloated, giving them, when ready for shipment, an elasticity adapting them for transportation to long distances and at the same time giving the crop large measuring qualities. Pkt. 5¢; oz. 10¢; ¼ lb. 20¢; lb. 60¢, postpaid.

NEW LONG-STANDING BLOOMSDALE — 42 days — Has all the good points of Bloomsdale, in addition it will withstand the summer heat and does not go to seed. Pkt. 5¢; oz. 10¢; ¼ lb 25¢; lb 75¢, postpaid.

NOBEL GIANT — 42 days — One of the most vigorous and strong growing varieties. The leaves are nearly round, uniformly deep green, quite thick and slightly crimped in the center. Pkt. 5¢; oz. 10¢; ¼ lb 25¢; lb 75¢, postpaid.

SQUASH

CULTURE — Squash are very sensitive and planting should be delayed until ground is warm and danger of frost is past. Plant in hills 4 feet apart each way, dropping about 6 seeds in each hill and thinning to 2 plants to a hill when they are up. One ounce plants 40 hills; 2 to 3 pounds to the acre.

YELLOW CROOKNECK — 50 days — The well known summer variety. Fruit long, skin very fine and tender when young. Pkt. 5¢; oz. 15¢; ¼ lb. 45¢; lb. \$1.35, postpaid.

ZUCCHINI GRAY — 60 days — When matured it is about 12 inches long, 4 to 4½ inches in diameter. The color is mottled light and dark green, giving it a grayish appearance. The squash are used when young, often when real small and tender and the edible qualities are excellent. Pkt. 5¢; oz. 15¢; ¼ lb. 45¢; lb. \$1.35, postpaid.

SQUASH (Continued)



EARLY WHITE BUSH SCALLOP — 50 days — A very early variety, with flat, creamy white scalloped squashes 4 to 6 inches in diameter. Vine is bush in habit and rather dwarf. This variety is the common "patty pan" squash.
Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.35, postpaid.

GREEN TINT WHITE BUSH OR BENNING 53 days — An excellent variety, popular on account of the greenish white color of the young fruits. Plants are of the bush type. Fruits somewhat warted and dull white at maturity.
Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

MAMMOTH WHITE BUSH SCALLOP — 60 days — An early maturing, somewhat flattened, scallop bush squash of largest size, and the handsomest of the summer varieties for home garden and market. The vines are vigorous and productive.
Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

COCOZELLE, ITALIAN VEGETABLE MARROW — 65 days — Oblong in shape, shell dark green. Cook and serve the same as other Squash.
Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.35, postpaid.

GOLDEN HUBBARD — 100 days. Similar to Green Hubbard, but earlier, smaller, more prolific. Fruits somewhat pointed, 8 to 10 lbs., moderately warted, orange red; flesh deep orange, dry, and of fine quality. Pkt. 5c; oz. 15c; lb. \$1.50, postpaid.

EARLY PROLIFIC STRAIGHTNECK — 55 days. Straight smooth fruits, delicate creamy color. Vines produce abundantly. Peak of perfection in summer squash.
Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.35, postpaid.

ACORN OR TABLE QUEEN — 58 days. — Oval fruits, pointed at blossom end, ribbed, smooth, thin shelled, dark green, flesh light yellow, bakes well with sweet inviting flavor. An early maturing variety which can also be
Pkt. 5c; oz. 20c; ¼ lb. 45c; lb. \$1.35, postpaid.

GREEN HUBBARD IMPROVED — 105 days — Fruits 10-12 lbs. pointed at both ends, slightly warted, dark bronze-green in color, rind hard and tough, flesh very thick, orange-yellow, dry and sweet.
Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75, postpaid.

TOMATO

CULTURE — For early fruit sow seed thinly in rows in hot bed or in flats covering seed about ¼ inch. Harden plants by exposing to the outside air whenever the weather permits. In about six weeks should be ready to set out, provided danger of frost is over. If you decide to set them outdoors before danger of frost is over, suggest that you cover them with Hot Kaps. See page 24. Tomato plants should be set deeply so that they do not set above the soil spindly and leafless. Set the plants 2 to 3 feet apart in row with rows 4 feet apart. As they grow they should be trained on bamboo stakes or on other good stakes that are about 5 to 6 feet tall. Set out your stakes when putting out plants, for putting in stakes after plants have attained quite a bit of height will disturb the root system. Staking tomatoes will prevent the fruit from soiling, also decaying when touching the soil. One ounce will produce 1500 plants. 4 to 6 ounces required for an acre.

EARLIANA — 66 days — Very early. Habit of vine dwarf and compact. Fruit borne in clusters of from 10 to 15 in a bunch. A remarkable variety and one which is in good favor with market gardeners.
Pkt. 5c; oz. 85c; ¼ lb. \$2.50; lb. \$7.50, postpaid.

FIRESTEEL — A small vine tomato that produces remarkably large fruits early. Varieties are smooth, red of semi-acid flavor. It will set fruit when other types are dropping their blossoms and it resists cracking.
Pkt. 5c; oz. 90c; ¼ lb. \$2.70; lb. \$8.00.

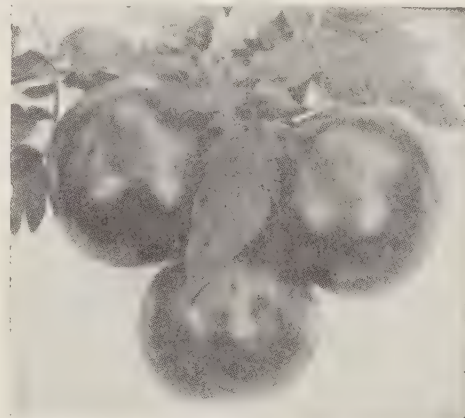
IMPROVED PEARSON — This tomato is a few days later than Pritchard and with somewhat shorter and more compact vines. The scarlet, medium-sized fruit is smooth, with very thick skin and flattened globe-shaped. Excellent for shipping and canning.
Pkt. 5c; oz. 90c; ¼ lb. \$2.70; lb. \$8.00.

BEEFSEAK OR PONDEROSA — 90 days. A wilt resistant large variety. Plant open in habit of growth, heavy, rather light green, vigorous. Fruit large, flat scarlet, rather smooth.
Pkt. 5c; oz. \$1.35; ¼ lb \$4.00; & \$12.00, postpaid.

RED PLUM — 73 days — A red fruited sort, resembling a plum in shape and size. A heavy bearer and used mostly for preserves.
Pkt. 5c; oz. 60c; ¼ lb. \$2.00, postpaid.

RUTGERS — 73 days — It has thick outer and inner walls of solid meat, and therefore very small seed cavities and little seed. It is globe-shaped, scarlet-red color, resembling Marglobe. It ripens first in the center of the fruit, so that when red on the outside the tomatoes are ripe all through. In great demand for all purposes.
Pkt. 5c; oz. 55; ¼ lb. \$1.65; lb. \$5.00, postpaid.

GROTHENS GLOBE — 73 days — Wilt resistant, globe shaped. Larger than Marglobe. Deep scarlet.
Pkt. 5c; oz. 80c; ¼ lb \$2.50 lb \$7.50, postpaid.



John Baer

DWARF CHAMPION — 73 days — A dwarf variety sometimes called the tree tomato on account of its upright growth and its ability to stand alone without trellising. Fruit medium-sized, smooth, uniform and of a purplish-carmine color.
Pkt. 5c; oz. 85c; ¼ lb. \$2.50; lb. \$7.50, postpaid.

GULF STATE MARKET — 77 days. — This globe shaped purplish-pink tomato has developed from Early Detroit and is as early as that variety. It is said to be especially adapted to the Gulf States and California. The fruits are large, showing little depression around the stem, and free from cracks. Pkt. 5c; oz. 75c; ¼ lb \$2.20; lb \$6.50, postpaid.

PRITCHARD — 73 days — A scarlet self-topper, disease resistant variety. Fruits large, smooth, globular, solid with thick walls and cross sections. Color is brilliant red both exterior and interior.
Pkt. 5c; oz. 65c; ¼ lb \$2.00; lb \$6.00

JUBILEE — 72 days. — Deep orange in and out with solid flesh and very few seeds. It is an excellent salad variety, with mild, non-acid flavor and it can be canned with success. Pkt. 5c.

JUNE PINK — 69 days — A very early and productive pink form of Earliana. The best early pink on the market. Fruit solid and borne in profusion.

Pkt. 5c; oz. 85c; ¼ lb. \$2.50; lb. \$7.50, postpaid.

STONE — 86 days — The best main-crop tomato for all purposes, and largely used for canning. Vine tall and prolific. Fruits smooth, large and uniform. Color bright scarlet.

Pkt. 5c; oz. 50c; ¼ lb \$1.50; lb \$4.50, postpaid.

BREAK O'DAY — 73 days — Developed by F. J. Pritchard of Washington, D. C. A new wilt resistant tomato that is nearly as early as Earliana and as productive as Marglobe. Its fruits are large, smooth, meaty, red and globular, very similar to Marglobe but usually larger, used whole for salads or stuffed.

Pkt. 5c; oz. 75c; ¼ lb \$2.20; lb \$6.50, postpaid.

STOKESDALE — 70 days — An extremely important new development. Smooth, 7 oz. fruit, brilliant color, exceedingly solid flesh and small seed cavities. Matures in the second-early group, a full week earlier Marglobe group. Usually ahead of Bonny Best, too, and 2 ounces heavier.

Pkt. 5c; oz. 65c; ¼ lb \$2.00; lb \$6.00, postpaid.

MARGLOBE — 75 days — Tested repeatedly and approved by U. S. Dept. of Agriculture. Sure to be planted extensively before long. This is what the Department says about it: "Very productive, second early variety. Fruits large, smooth, meaty, red, globular. Highly resistant to wilt and somewhat resistant to blights."

Pkt. 5c; oz. 65c; ¼ lb. \$2.00; lb. \$6.00, postpaid.

JOHN BAER — 70 days — Early variety, maturing with Bonny Best producing fruit equally as good as Chalk's Jewel. Color bright scarlet; good size and smooth. The seed we offer was grown from the introducer's stock.

Pkt. 5c; oz. 75c; ¼ lb \$2.20; lb \$6.50, postpaid.

McGEE — 70 days — Well known in this State on account of its heavy-bearing qualities. It will yield splendid crops when all other varieties fail. Bright crimson, solid and good flavor.

Pkt. 5c; oz. 65c; ¼ lb. \$2.00; lb. \$6.00, postpaid.

YELLOW PLUM — 73 days — A small-fruited, bright golden yellow variety, very attractive; for salads or preserves.
Pkt. 5c; oz. 60c; ¼ lb. \$1.75, postpaid.

YELLOW PEAR — 73 days — Same as Yellow Plum, except that it is the shape of a pear and a trifle smaller.

Pkt. 5c; oz. 60c; ¼ lb. \$1.75, postpaid.

IMPROVED PEARSON — 76 days. Primarily for canning but also of value as a shipper due to its tough skin and good red color. Vigorous self-topping plants with ample foliage to protect the heavy set of fruits, which are medium large and semi-globe. Pkt. 5c; oz. \$1.00; lb. \$12.00, postpaid.



Rutger

RUTABAGA

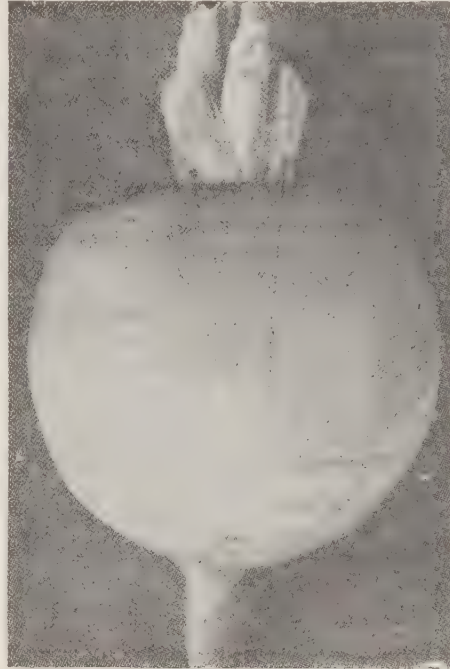
CULTURE — Rutabagas require a longer growing season than turnips. Seed may be sown at the same time you plant turnips, in rows 2½ to 3 feet apart. Culture is practically the same as for turnips except the plants should be thinned to 8 to 10 inches apart in the row. One ounce will sow 400 feet of row; 1 to 2 pounds per acre.

AMERICAN PURPLE TOP or LONG ISLAND — 88 days — One of the best and most popular varieties, with yellow flesh. It is yellow below ground, with purple top above, and the leaves are small. A good stock-feeder or table variety.

Pkt. 5c; oz. 10c; ¼ lb 30c; lb 90c, postpaid.

TURNIP

CULTURE — Sow in rows 18 inches apart, covering seed ½ inch deep, pressing the soil down firmly and smoothly. Plants should be thinned to 4 to 6 inches apart. Also sown broadcast. For best quality grow turnips in new ground. One ounce will sow 200 feet of row; 2 pounds an acre.



Purple Top White Globe

WHITE EGG — 55 days — A sort forming a root the shape and size of an egg in an incredibly short period after sowing. Flesh always palatable.

Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

PURPLE TOP-WHITE GLOBE — 50 days — An early medium-sized, globular shaped turnip of good quality for table or stock. Heavy producer, good quality while young.

Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00, postpaid.

POMERANIAN WHITE GLOBE — 75 days — Large variety used largely for stock: is globe-shaped, large leaves, hardy.

Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

PURPLE TOP FLAT DUTCH — 46 days — Strap leaved; early flat variety. White with purple top. It matures quickly and has fine-grained flesh of fine flavor. It forms early a fine root, even in shape and of the best quality.

Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c, postpaid.

SHOGGIN — A splendid white globe turnip which grows well in hot and dry weather. Lice do not seem to attack this variety as quickly as other turnip greens.

Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00, postpaid.

(d. 1168124)

ARMOUR'S VERTAGREEN



Vertagreen feeds plants three ways: (1) It develops deeper, stronger root systems, the basis of all growth; (2) builds sturdier stems and leaves that are more disease-resistant; (3) makes finer fruits, flowers and vegetables. When you feed Vertagreen, you not only feed Nitrogen, Phosphoric Acid and Potash, but the proper balance of the so-called "minor" elements as well. The importance of these minor elements for best plant growth and development has been demonstrated again and again. It is the purpose of Vertagreen to furnish these elements to your plantings of either fruit, flowers or vegetables.

1 lb. package 15c; 5 lb. bag 50c; 10 lb. bag 90c; 25 lb. bag \$1.60; 50 lb. bag \$2.50 and 100 lb. bag \$4.25, all f.o.b. San Antonio.



Armour's Sheep Manure is sterilized and free from weed seed, and is an excellent source of organic fertilizer.

25 lb. bags \$1.00; 50 lb. bags \$1.90 and 100 lbs. \$3.75.

Armour's Camellia and Azalea Food is composed of all elements needed for the successful growing of these plants.

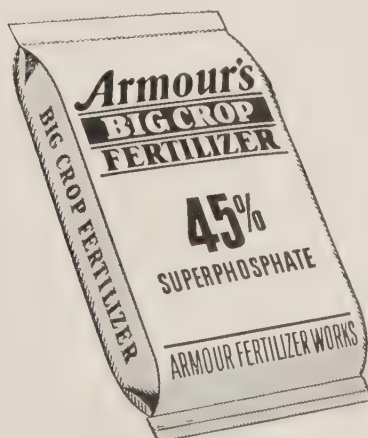
10 lb. bags 75c; 25 lb. bags \$2.00; 100 lb. bags \$5.50.

ARMOUR'S BIG CROP FERTILIZERS



20% Superphosphate is recommended especially for grasses and pastures but is used extensively for all crops. 100 lb. bags \$2.00.

45% Superphosphate in pelleted form is very easily distributed and will not require as much per acre. 100 lb. bags \$3.75.



Prices are subject to market changes. Ask for quantity prices.

Armour's 4-12-4 is an excellent, balanced fertilizer used very much by farmers on grain crops. 100 lb. bags \$2.50.

Armour's 5-10-5 is an excellent fertilizer where there is an alkaline soil and is used very extensively in this area. 100 lb. bags \$2.75.

16.5% Nitrate of Soda is an excellent source of Nitrogen and will make plants grow faster. 100 lb. bags \$4.50.

Ammonium Sulphate contains 20.5% Nitrogen and is an excellent source for our local soil conditions. 100 lb. bags \$4.50.

All fertilizer prices f.o.b., San Antonio.

VIGORO

The fine balance of food elements in Vigoro makes it ideal for all growing things. It supplies the food needed by lawns, shrubs and trees for finest growth.

And Vigoro does wonders on vegetables, too. It helps you get bigger yields of quicker maturing vegetables. And Vigoro-fed vegetables are tastier!



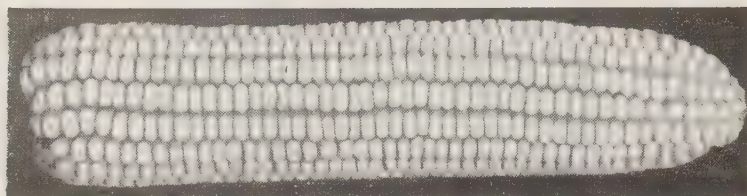
Vigoro is clean, odorless, and economical to use. Four pounds properly feeds 100 square feet of garden area. Use it regularly for best results.

FOR LAWNS, FLOWERS, SHRUBS and TREES

100 lb. bag - \$4.25
25 lb. bag - 1.60
10 lb. bag - .90
5 lb. bag - .50
1 lb. bag - .15

HARPER'S TEXAS HYBRIDS

**BIG
SOLID
EARS**



**MELLOW
STARCH
GRAINS**

We sell only Harper's Hybrids for Texas seed corn because they have proved to be better acclimated for Bexar and surrounding counties. Hybrids that produce the most profitable yields are those best suited for your farm. The 8 kinds listed below are perfectly

matched for the several types of soil in our San Antonio territory. For bigger yields select the Hybrid from our complete stock bred for your type of soil.

No. 24

This new four-way cross is fast in growth and a drought resister. 50% surcropper lines and 50% dent lines. It represents a new type of hybrid from Texas research. Large ear, large grain, has a good yellow color. Vigorous stalk with strong root system.

No. 26

A better recipe from Texas inbreds. Has one surcropper line and three dent lines. Will be especially received by farmers who have land adapted for yellow dent corn. Medium size ears, yellow dent type grain. Similar to Texas 18. Has a good shuck coverage. It will be right up at the top in production in any man's field.

No. 28

A new yellow double cross having two surcropper and two dent lines. It is considered the best all round Texas hybrid. Stands up well and has almost perfect shuck coverage. A corn that will prove a champion every year.

No. 11W

Texas' newest white hybrid. Improved in purity and quality. Made up of Texas' best white inbred strains. This is no doubt the best white hybrid corn for Texas climate and soils. Highly recommended for commercial roasting ear production. On the average there is not a yellow hybrid that will outperform it.

No. 8

This dependable Texas first yellow Hybrid is still the second most popular being produced today. Good yielder, drought resister, none better for disease and wind resistance.

No. 12

Long-time favorite yellow dent, adapted to average soil fertility, produces slim ears and is popular for roasting ear purposes. Grains are medium soft, golden color.

No. 18

This is Texas' most popular large grain, yellow dent Hybrid, adapted to a wide range of soil fertility and climate, favorable for a good hot dry weather corn.

No. 20

This is Texas' best yellow dent on yield per acre. Produces well-filled ears, high shelling percentage and highest feeding quality of grain.

OTHER TEXAS HYBRIDS

For those who want to plant the old favorites, we carry in stock certified seed of the famous Texas 134T and 134TX, all produced on the Harper Hybrid Farms. Fresh stock seed, all having a germination of 90% or more.

Retail Price

PREMIUM FLAT GRAIN

\$9⁵⁰

PER
BUSHEL

\$5²⁵

HALF
BUSHEL

- BETTER BREEDING
- BETTER PROCESSING
- BETTER HANDLING

That's why Harper Hybrids mean more yield for you. These Hybrids, under favorable conditions, produce two large ears to the stalk. We will be glad to advise you the variety best suited for your particular farm.

RAPE

DWARF ESSEX — A cool weather quick-growing green grazing crop. Furnishes abundant pasturage for hogs, sheep and poultry in 4-6 weeks after sowing. Used also to plant with spring oats for grazing and green manure. The young, tender growth provides an agreeable dish for table use.

SWEET SORGHUMS

EARLY ORANGE — Produces high yields of sweet, juicy hay and ensilage, grows best on lighter soils and is somewhat more drought resistant. Sometimes used for syrup.

RED TOP CANE — The most widely used of all sorghums as a broadcast hay crop in heavy corn and cotton lands. Thick sowings are made early in the year to produce a heavy crop of very fine stems 3-4 ft. tall for the better curing of fine hay with excellent keeping qualities.

HONEY DRIP — Yields a high grade syrup, also used for ensilage as it produces a heavy yield of highly palatable ensilage, greatly relished by livestock. Plants stout and very tall, therefore somewhat subject to lodging. Quite free stooling; leafy juicy and sweet.

SORGHUMS

MARTIN COMBINE — A disease resistant, non-shattering, uniform, early maturing selection from Wheatland developed by W. P. Martin of Lubbock, Texas. A most popular and widely grown type of combine milo. Withstands wind damage and cures well for field combine harvesting under humid conditions. Plants stand erect, not leafy with long seed stems.

PLAINSMAN MILO — Plants stand erect, few tillers, seed stems somewhat short; seed heads erect, long, large, slightly compact; seed rather soft, large, of reddish color, shatter proof.

DWARF STRAIGHT NECK YELLOW MILO MAIZE — Stands the drought well. It is earlier than Kaffir Corn and White Milo Maize, and very prolific. Stock seems to prefer it to corn, and it has a laxative effect on them, keeping them in good condition.

ARIZONA GROWN DOUBLE DWARF YELLOW MILO — Without a doubt the finest strain of Double Dwarf Maize that you can buy. You will find this seed as true to type as it is possible to produce same.

DOUBLE DWARF YELLOW MILO — Earlier than the old type Milo. The stalks are short, but large and stand remarkably well. The heads are large and the seed is larger or as large as the old type Milo. It will stand greater drought than most other sorghums and for that reason is adapted to dry farming. Should be extensively grown; in fact, every farmer should plant some of it.

ARIZONA GROWN HEGARI — The finest of Hegari grown. It will pay you big dividends to plant some of this splendid variety.

EARLY HEGARI — Identical with Hegari except that it is 10 to 15 days earlier, has fewer leaves and will head and make grain under practically all conditions. It is drought resistant but tillers and responds to irrigation, and to good soil and moisture.

DWARF BLACK HULL WHITE KAFIR — It grows from 4 to 5 feet high, making straight, upright growth, has a strong stem with enormous, wide leaves. The stalks keep green and are brittle, making an excellent fodder, either green or dried, for cattle and horses. The heads make the finest kind of feed. Sow in rows three feet apart, 5 to 10 pounds per acre. For fodder, sow one bushel per acre, broadcast. Requires 120 days to mature.

Control
Seed Borne Diseases
In Grain Sorghums
With New Improved
CERESAN

(Page 29)

GRASS SEED

BERMUDA GRASS — Almost everybody living in this section of the country knows this grass. It is planted as a lawn grass, and nothing will stand the sun better, or will make a prettier carpet, when kept short, than this grass. It is also very valuable as a pasture and hay grass, which heretofore had to be propagated by the roots. **Lb. \$1.00**

FANCY HULLED BERMUDA GRASS — This is the same as our Fancy Bermuda Grass, out the hull is removed. This operation hastens germination. Many of our customers have reported to us that their plantings of the hulled seed have come up in seven to ten days after sowing. **Lb. \$1.25.**

FANCY CARPET GRASS (Axonopus Compressus) — A perennial, spreading by creeping stems which root at every joint, thus forming a close, compact turf. Flourishes on land short in lime, thrives under grazing and trampling. Will stand more close grazing, trampling, grazing and overflow than any pasture grass known. **Lb. 75c.**

RYE GRASS (Lolium Italicum) — The seed we handle is American grown, of the Italian variety. **Lb. 35c.**

SUDAN GRASS — Stands dry weather and does not blight under ample rainfall. It is an annual, the seed having to be sown every year. Like the sorghum crops, it must be planted each spring, and dies when frost comes. The number of cuttings per season, therefore, depends on the length of the season. Usually matures in ninety days from first cutting. Its feeding values mark it as one of the dependable crops for every farmer.

SWEET SUDAN GRASS — Sweet and juicy stalk, non-shattering seed habit, a distinct sienna colored seed and disease resistant. The plants are sweet and juicy, more resistant to foliage disease and chinch bugs than common Sudan and remain green and growing later in fall. Grazing tests have indicated that live stock prefer Sweet Sudan to Common Sudan, and the coarse stems are eaten readily.

MILLET

FANCY BIG GERMAN — The most popular of all the Millet for hay or seed. It matures in 6 to 8 weeks after planting. If wanted for hay it should be cut while in bloom, as the hay quality decreases as soon as the seed hardens in the head. Our variety of Millet is best and you will find it superior to any variety. **Lb. 20c, not postpaid.**

HOG MILLET or PROSO — The seed is large for Millet and makes a rich food. Good for hogs or chickens. The seed ripens while the stem is yet green, so that if cut promptly you can get a crop of seed and also one of fodder or ensilage. **Lb. 20c, not postpaid.**

COW PEAS

(Inoculate with Nitragin)

CALIFORNIA BLACK EYE — The large Black Eye Peas are more prolific, better flavored and bring a higher price than most any other variety.

CHINESE RED — An excellent variety for soil improvement. Plants dwarf, erect, of uniform maturity, pods small, round, held high. Seeds very small, hard, sound, pale red to red.

BROWN CROWDER — An edible variety. Plant dark green, thick stemmed and branching. Pods round, plump, blunt, medium green. Seed smooth buff brown with darker brown eyes.

CREAM or LADY — Plant stocky, dark green, branching. Pods oval, medium green, straight, blunt, closely filled with light green tender peas. Seed smooth, small, ivory white. Fine for table use.

ALFALFA

15 to 20 lbs. per acre.

HAIRY PERUVIAN — Is particularly recommended for our own State of Texas. As compared with common alfalfa, Hairy Peruvian is more upright, less branched and has fewer and somewhat coarser stems and smaller crown. It is also characterized by rapid growth, large amount of leaves, quick recovery after cutting and ability to make rapid growth in cool weather after ordinary alfalfa has ceased growing.

CLOVER

HUBAM — A most valuable annual legume crop for grazing and soil improvement. It makes rapid and luxuriant growth valuable for grazing, an important cover crop and soil builder. Can be plowed under with advantages when either young or mature. Used also for silage and very desirable for bees.

SEED CORN

OPEN POLLINATED VARIETIES

SURE CROPPER CORN — A truly remarkable drought resisting power. As old as is the history of corn growing in the South and Southwest is the search for a corn able to hold up and make a crop on the scanty moisture which we have in so many fields at some period of almost every season. In Sure Cropper we have found that corn.

YELLOW SURE CROPPER — An excellent early Texas Yellow Corn, that matures in about 90 days, the ears measuring 10 to 12 inches and a big portion of the crop makes 2 ears to the stalk. It is a heavy yielder per acre and will stand a drought better than most varieties.

POP CORN

There is always a good market for Pop Corn, and every corn grower should plant it.

GIANT YELLOW or T.N.T. — Produces ears in great abundance on stalks nearly 6 feet high. It pops perfectly white. A single kernel will expand to nearly an inch in diameter.

ASK FOR PRICES
ON
FIELD VARIETIES



CYANOGEN FOR RATS

KILL RATS, MOLES, ANTS,
WITH CYNOGAS

A gray powder giving off a poisonous gas when coming in contact with air. Kills ants, rats, moles and other rodents.

1/4 lb. 39c; 1 lb. 98c; 5 lb. \$3.75; 25 lbs. \$12.50.



SNAROL

With Metaldehyde

An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants. For use against snails, slugs, cutworms, earwigs, sow bugs, grasshoppers, and many other insects which migrate along the ground.

1 lb. 35c; 2 1/2 lbs. 75c; 6 lbs. \$1.50; 10 lbs. \$2.25.

Improved CYANOGEN BRASS FOOT PUMP DUSTER

Kills rats, gophers, moles, etc., in deep burrows or under buildings with this powerful, heavy-duty Cyanogas pump—made of brass—lasts a lifetime. New dust cutoff valve makes a little Cyanogas go a long way! First apply a minimum dose with lever in "Dust" position. Then force gas completely through the burrow with valve in "Air" position. A complete kill — with no waste! **Price: \$11.00.**



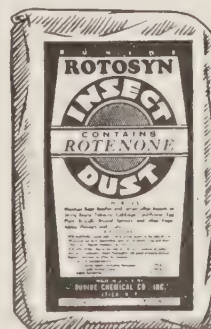
SABADILLA RED DEVIL DUST

Containing
20% SABADILLA

FOR

HARD-TO-KILL PLANT BUGS AND
CATTLE LICE, COLLARD BUG, STINK
BUG.

1 Lb. Bags \$.50
5 Lb. Bags 2.25



ROTASYN INSECT DUST

A rotenone dust that may be used as a dust or spray. Controls most of the garden insects. 1 lb. can 40c.

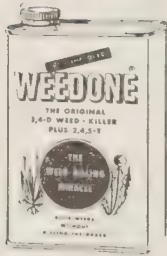
"GREEN TOX 50" is non-poisonous to humans, animals and birds, but sure death to "chewing" and "sucking" insects. No danger from eating fruit or vegetables sprayed with "Green Tox 50."

1 oz. (makes 30 quarts) .. \$.35
6 oz. (makes 45 gallons) .. 1.00
1 pt. (makes 120 gallons) .. 2.00
1 qt. (makes 240 gallons) .. 3.50



American Chemical Paint Line...

NEW IMPROVED WEEDONE



New improved Weedone contains the powerful 2, 4, 5-T and 2, 4-D, for killing lawn weeds, poison ivy, poison oak, honey-suckle wild blackberries and over 90 other weeds and woody plants without killing the grass. Non-poisonous to animals and humans. 8 oz. can \$1.00; 1 quart can \$2.75; 1 gallon can \$6.95; 5 gallon can \$25.00.

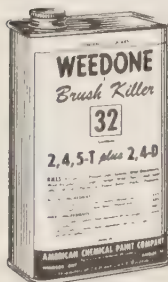
WEEDONE

Weedone, the original 2, 4-D weed-killer contains the ethyl ester of 2, 4-d, the most effective form. Weedone kills poison ivy, poison oak, honey-suckle and other poison weeds. 6 oz. can 75c; 1 quart can \$2.50; 1 gallon can \$6.50; 5 gallon can \$21.25.



WEEDONE APPLICATOR

This applicator can be applied to a bottle and is used very extensively in applying the solution on lawns. Price each 49c.



WEEDONE BRUSH KILLER 32

A combination of the powerful 2, 4, 5-T and 2, 4-D. This concentrated butoxy ethanol ester formulation is highly effective in killing brush and weeds in Parks, Play Grounds, Pastures, Road Sides, Waterways and any wooded area. 1 quart \$4.00; gallon \$9.25.



ROOTONE

Rootone stimulates the natural tendency for roots to form on slips or cuttings. Dusted gladiola bulbs, dutch iris and many other bulbs stimulates root growth and makes smaller bulbs bloom the first year. Grass seed treated with Rootone, gives a much quicker, heavier stand of grass. Seed dusted with this powder will make the seedlings grow faster and more uniformly. 1/4 oz. packet 25c; 2 oz. jar \$1.00; 1 lb. can \$5.00.

ROOTONE No. 10

For slow rooting varieties such as Arbor Vitae, Cypress, Fir, Azalea, and many other varieties of shrubs this product which is more than twice the regular strength of Rootone is especially effective. 2 oz. jar \$2.00; 1 lb. can \$10.00.



TRANSPLANTONE

This product stimulates the root growth and is used extensively in transplanting of annuals, perennials and shrubs, and is also used when setting out vegetable plants and will increase root growth very rapidly on same. 1/2 oz. pkt. 25c; 3 oz. can \$1.00; 1 lb. can \$4.00.



FRUITONE

can \$1.00; 12 oz. can \$5.00.

Fruitone sprayed on tomatoes will produce earlier and larger tomatoes. Also effective on many other crops and flowers, causing better set of fruit and flowers. Sprayed on holly and other Christmas greens will hold the leaves longer and keep them green. 2/5 oz. packet 25c; 2 oz.



Rosetone insures the success of your roses. Soak roots of bushes in Rosetone before planting, and water your established roses for better growth. 1/2 oz. packet 25c; 2 oz. pkg. \$1.00



WEEDUST

The 2, 4-D weed-killer in dry powder form. Just dust each weed directly from the ready-to-use can. No measuring or mixing. Ideal for destroying the "here and there" weeds. Large can 75c.

TOMATONE

Pick ripe tomatoes — 2 to 3 weeks earlier. When sprayed with this product, tomato plants produce ripe fruit 2 to 3 weeks earlier and 1/3 larger in size and will increase the yield from each plant. 1/2 pint bottle \$1.70.

TAFCO PENTA BRUSH KILLER

Combines the herbicidal properties of 2,4-D,2,4,5-T and Pentachlorophenol with a suitable solubilizer and carrier. It has been formulated particularly for the control of brush and woody plants, but is toxic to practically all vegetation.

Should be mixed at the rate of one pint in five gallons of water or 1 gallon in 75 gallons of water. For stump treatment, mix 1 pint in three gallons of diesel or 1 gallon to 25 gallons of diesel oil, and thoroughly cover the freshly cut surface and all bark.

Pint \$1.75; Quart \$3.25; Gallon \$8.25.

NEW EVERGREEN

KILL GARDEN INSECTS — NEW, EASY WAY

New Evergreen Spray is the only spray 95% of gardeners ever need. No complicated instructions. Simply mix with water and spray. Harmless to plants, humans and animals. Pyrethrin content deadly to both chewing and sucking insects. Economical.

1 oz. bottle 35c; 6 oz. bottle \$1.15; 16 oz. bottle \$2.45; 1 quart bottle \$4.10; 1 gallon bottle \$12.60.

SKREEN

Skreen is a combination insect repellent and sun-screening lotion. Skreen is an odorless aromatic oil, easy to apply, safe to use, long lasting in effect. It is a combination of those chemicals found safest and most effective by the U. S. Department of Agriculture Bureau of Entomology.

It can be applied after the bite. It will neutralize the poison, the itching stops at once, the swollen sore heals up quickly, and the chance of infection is prevented.

2 oz. bottle 75c.

RED ARROW GARDEN SPRAY

"America's FIRST-Aid to Gardens"

Kills Mexican Bean Beetles, Aphides, Rose Bugs, Aster and Dahlia Beetles, Cabbage and Tomato Worms, Japanese Beetles, Ants in lawns and gardens, Thrips, Leaf Hoppers and many other varieties of chewing and sucking insects. Safe; leaves no poison residue. Effective and economical.

1 oz. 35c; 4 oz. \$1.00; pint \$2.85; quart \$5.50.

Inoculate all Legume Seeds with

NITRAGIN

1898—FIFTY-TWO YEARS OF SERVICE—1950

When ordering, Always state name of seed.

ALFALFA (A)

Sweet, Bur, Hubam Clovers	Retail
Size	
1 bu. each.....	\$.50
100 lb. each.....	.70

CLOVERS (B)

Red, Alsike, Crimson, White and Ladino.	
1 bu. each.....	\$.50
100 lb. each.....	.70

LESPEDEZA (L)

100 lb. size (Inoculates up to 100 lbs.) ea.....	\$.50
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PEAS, VETCHES (C) (All Varieties)

100 lb. size (Inoculates up to 100 lbs.) ea.....	\$.50
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LUPINES (All Varieties)

100 lb. size (Inoculates up to 100 lbs. seed) ea.....	\$.50
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GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans.

Enough for 8 lbs. seed — Retail Price 15c each

SOYBEANS (S)

Size	Retail
2 bu. each	\$.30
5 bu. each ...	.50
25 bu. (One can)....	2.25
30 bu. (6-5 bu. cans)	2.95

BEANS (D)**Navy, Pinto, Wax, String, Kidney and Great Northern**

1 bu. each.....	\$.50
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PEANUTS, COW PEAS (E)

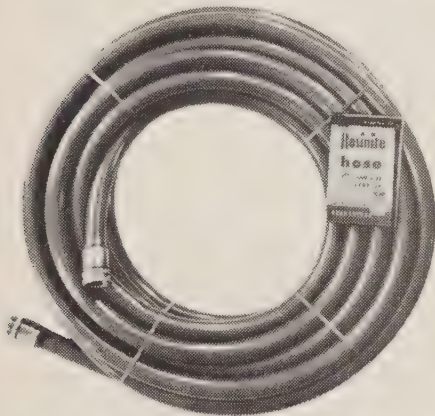
2 bu. each	\$.30
5 bu. each50

PLASTIC
AquapinTHE "Sweetheart"
of the**LAPEL BUBBLE VASES**

Beautiful heart shaped design. Flat back; "no bobble"; stays put; non-breakable translucent plastic; blend-well colors: orchid, green and clear. Holds ample supply of water to prolong the beauty and life of flowers.



Price 25c each

**GARDEN FLOWERS AND VEGETABLES
GROW AMAZINGLY! ➡➡➡****RESINITE
GARDEN HOSE**

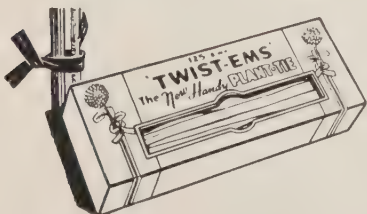
Resinite Hose is unaffected by sun, oils or acids. There is no inner cotton braid to rot. It can be twisted, bent, pounded, and even run over by a car 100 times a day without fear of damage. It weighs $\frac{1}{8}$ to $\frac{1}{2}$ less than old-fashioned hose of comparable size and strength. The green color is actually part of the chemical compound and will not come off on the hands or clothes. Guaranteed without time limit. 25 foot length coupled \$4.85; 50 foot length coupled \$8.95.

Potted Plants

Growing energy! That's what these rich (11-15-20), odorless tablets mean to all plants indoor, garden and vegetable. Results guaranteed or money back! Boxes at 25c, 50c, \$1.00 and economical garden size \$3.50.

**FULTON'S
PLANTABBS**
PLANT FOOD TABLETS PLUS BIStart your Garden Earlier
this year—with HOTKAPSStart Your Garden Earlier This Year
With HOTKAPS

Give your flowers and vegetables an early, safe start. HOTKAPS afford individual hothouses for seedlings and young plants, provide positive protection against unexpected frosts, storms sun and insects. HOTKAPS ripen plants weeks earlier, maintain perfect mulch. 25 Home Garden Set with Setter 70c; 100-Package with Fibreboard Setter \$2.75; 250-Package with Fibreboard Setter \$4.65; Carton of 1000 \$14.65; Fibreboard Setter 20c; Steel Setter \$1.95.

**TWIST-EMS**

HANDY!

SPEEDY!

PLANT TIES

Strong, dark green, "invisible" tapes with wire reinforcing — protect stems, speedily and permanently support annuals, perennials, vines, shrubs and vegetables. Box of 200, 4-inch size 25c; box of 100, 8-inch size 25c; box of 100, 16-inch size 50c; pkg. of 50, 8-inch size 15c; pkg. of 35, 8-inch size 10c.

TRAIN-ETTS*New Weatherized*
TRELLIS NETTING

Ideal Support for SWEET

PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes, No. 1, 60x72 in. 65c; No. 2, 60x96 in. 85c; No. 3, 60x180 in., \$1.25. Postpaid.



G & O Plant Foods..



G & O ROSE FOOD

G & O Rose Food with an analysis of 7-8-5 is composed of the necessary ingredients for the best growth and development in roses. Roses require a special kind of feeding and this is supplied by application of this plant food.



G & O RHODO-AZALEA-CAMELLIA FOOD

G & O Rhodo-Azalea-Camellia Food with an analysis of 3-20-3 is properly balanced for the feeding of these plants and will create the proper acid soil condition necessary for good success of all the acid-soil plants.



G & O DAHLIA-LILY-GLADIOLUS TUBER PLANT FOOD

G & O Dahlia-Lily-Gladiolus Tubers Plant Food with an analysis of 3-6-15 gives this food the proper amount of potash so necessary for the proper growth and development of these tubers.

ALL PRICES OF THE THREE EXCELLENT PLANT FOODS AS FOLLOW:

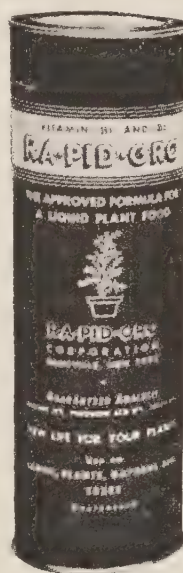
1 lb. bag (Rose Food Only)	----- \$.25	25 lb. bag	----- 3.10
5 lb. bag	----- .85	100 lb. bag	----- 9.00
10 lb. bag	----- 1.40		

f.o.b. San Antonio



G & O 10-6-4 HIGH ORGANIC LAWN-FAIRWAY DRESSING

G & O 10-6-4 High Organic Lawn-Fairway Dressing gives your lawns a quick growth and dark green color and will carry same throughout the season. Also used extensively for specimen trees and shrubs. 100 lb. bags only \$6.00, f.o.b. San Antonio.



RA-PID-GRO THE LIQUID PLANT FOOD

RA-PID-GRO contains 11 vital food elements plus vitamins and is a miracle-working concentrated food that helps nature bring out the best in your flowers, fruits, vegetables and ornamental trees. It contains all the elements nature intended plants to have . . . vitamins B1 and B2, the hormones that control growth, and is 100% usable by plants, and dissolves very easily in water. 2 oz. envelope 25c; 8 oz. can 69c; 1 lb. can \$1.25; 2 lb. can \$2.35.



Complete, balanced plant food builds sturdy plants. Soluble, it assures immediate availability of growth-producing elements. Will not burn. Clean and odorless. Produces superior plants, vegetables, lawns, trees. Excellent for seedlings, cuttings and transplants. Use indoors or outdoors in soil, sand or water (Hydroponics). 1 oz. makes 6 gallons.

HYPONEX PRICES

1 oz. pkt.	----- \$.10
3 oz. can	----- .25
7 oz. can	----- .50
1 lb. can	----- 1.00
10 lb. drum, makes 1,000 gals	----- 8.00
25 lb. drum, makes 2,500 gals	----- 15.00
50 lb. drum, makes 5,000 gals	----- 25.00
100 lb. drum, makes 10,000 gals	----- 40.00

PEAT MOSS

HORTICULTURAL GRADE

The use of Peat Moss for Horticultural use is constantly increasing as we find out its values. It helps to retain moisture longer, helps to mulch the ground and in this section it helps to counteract the alkaline soil condition.

We have an excellent grade of Canadian Peat Moss, which is ground to the texture suitable for all horticultural purposes.

Packed in three convenient sizes; Bale \$4.50 each; ½ bale \$3.00 each; 2-bushel carton \$1.50 each, all f.o.b. San Antonio, Texas.

Destruxol Products . .

CALSUL Destruxol Emulsion



An outstanding material combining lime and sulphur (Polysulphide) and oil in the form of a perfectly blended stable emulsion. Effective against Curly Leaf on Peaches, Blight on Sycamores and similar diseases. Excellent for general garden clean-up purposes. Also an outstanding spray for insect control on citrus and deciduous fruit trees. Pints 60c; Qts. \$1.00; Gallon \$2.50; 5 Gals \$8.50.

Destruxol BORER-SOL



An ether, non-oil emulsion for the elimination of Borers from trees or shrubs. It effects its purpose without the slightest injury to plant life and without sterilizing the soil. 4 oz. 45c; 8 oz. 70c; pint \$1.25; quart \$2.00; ½ gallon \$3.00; gallon \$4.50.

DESTRUXOL



An efficient contact and fumigating spray containing nicotine sulphate and cyanide. Requires no spreader. Harmless to plant life and can be used on tenderest flowers without injury. Especially desirable for spraying fruits and vegetables being made ready for market, since, due to its highly evaporative qualities, it leaves no residue and meets the World

Tolerance Requirements. 1 oz. 40c; 4 oz. \$1.10; 8 oz. \$2.10; pint \$3.00; quart \$5.00.

FUNGUSOL



A combination of oils, ether, copper and free nicotine. Sometimes referred to as the "two-in-one" or the "all-around" spray, since it combines the qualities of an insecticide and fungicide. It is used by rosarians and flower lovers throughout the country because it controls Rust and Mildew, Aphis, Thrips, etc., in a single operation. It is effective on fruits and vegetables susceptible to Rot, Blight and Mildew. 4 oz. 65c; 8 oz. \$1.00; pint \$1.40; quart \$2.25; gallon \$5.50.

KOPPERSOL



Contains oils, ether and a high percentage of copper. An effective fungicide without the insecticidal qualities of Fungusol. A highly economical product for the commercial grower. 8 oz. 75c; pint \$1.15; quart \$1.85; ½ gallon \$2.50; gallon \$4.25.

Destruxol ORCHID Spray



A material created for use on exotic plants such as Orchids, Begonias, Fuchsias, etc. Can be used safely in any stage of the growing season without spotting or injuring blossoms or foliage. Controls Aphis, Thrips, Spiders, Orchid Scale, Mealy Bugs and also Fungus Gnats. 4 oz. 75c; 8 oz. \$1.20; pint \$1.90; quart \$3.35.

Destruxol LAWN-A-GEN



The only product which combines various ethers with Metallic Copper soluble in water. An outstanding control for underground infestations and soil pests; also, because of its copper content, effective against fungus infestations which frequently follow underground insect depredations. Can be used with perfect safety where plants are growing, and will not injure seeds in state of germination, just so long as directions are followed. 4 oz. 65c; 8 oz. \$1.15; pint \$1.80; quart \$3.00; ½ gallon \$4.80; gallon \$8.50.

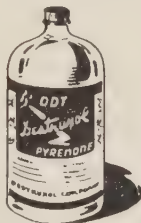
SUPER Destruxol Emulsion



A stable oil emulsion containing the highest grade vegetable, mineral and organic oils with free nicotine. Controls insect life by suffocation, penetration as well as by contact and is therefore effective against Scale, Mealy Bug, Red Spider, Woolly Aphis, etc. Because of its perfect blend and consequent quality of even suspension of oil content, it causes absolutely no stagnation or retardation of plant life. It is considered to be the outstanding Camellia

spray. 8 oz. 65c; pint \$1.15; quart \$1.75; gallon \$4.00; 5 gallons \$13.00.

Destruxol DDT PYRENONE



An improved contact and repellent spray for control of most sucking and chewing insects. Contains piperonyl cyclohexenone, the new organic material, Pyrethrins, DDT and penetrative oils. Non-poisonous to human and animal life, and non-injurious to plant life of any species. 1 oz. 40c; 4 oz. \$1.00; 8 oz. \$1.80; pint \$3.10.

Destruxol BIRDSOFF



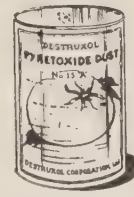
A dust which keeps birds from destroying berries, fruits and also young plants in state of germination. 1 lb. 40c; 2 lb. 70c; 5 lb. \$1.65.

Destruxol PREMEER POWDER



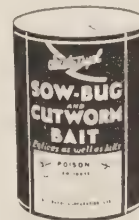
A powder combining Pyrethrins with lactic acid and other materials; it can be mixed with any diluted spray material, thus widening its range of control to include chewing insects, when spraying for sucking insects or fungus diseases. 3½ oz. 45c; 1 lb. \$1.20.

Destruxol PYRETOXIDE DUSTS No. 15-A or 15-B



Both these are effective against chewing and sucking insects. PYRETOXIDE DUST No. 15-A contains a sufficient percentage of sulphur to extend control over mildew and similar fungus diseases. No. 15-B contains no sulphur. Manufactured on entirely new principles, these Dusts are made by extracting the active principles out of the pyrethrum (plant cells) and combining them with certain toxic oils, highly destructive to insect life but non-poisonous to human and animal life. These DUSTS LEAVE NO RESIDUE WHICH NEEDS TO BE REMOVED AT TIME OF HARVEST. 1 lb. 40c; 2 lbs. 75c; 50 lbs. \$10.50.

Destruxol SOWBUG and CUTWORM BAIT



This material is highly effective for the control of these pests because it combines several materials which constitute the natural food of the Sow Bug and Cut Worm along with the killing agent. Thus, it entices them in order to effect a kill. 8 oz. 30c; 1 lb. 55c; 2½ lbs. \$1.10.

SLUG-EM



The Destruxol Snail Bait—which we claim surpasses anything on the market in attracting and killing Snails and Slugs. 1 lb. 30c; 2½ lbs. 55c; 6 lbs. \$1.10.

Destruxol APPLEX



A bait consisting of apple derivatives combined with fluosilicates and an attractive adhesive, which, under most climatic conditions will retain its effectiveness as a control for as well as the Rhabdoptero Deceptor, that beetle that eats the leaves of the Camellias through the southland. 5 lbs. \$1.25.

BLIGHTROL A



A copper-zinc-cromium material for such vicious fungus diseases as Witches' Growth on Oak Trees; Blight on various trees; Brown and Dollar Spot on golf greens and many types of wilt and rust on both vegetables and flowers also used to stop damping off in seed flats and to prevent fungus in greenhouses. 2 oz. 60c; 8 oz. \$1.80; 2 lbs. \$4.00.

Du Pont Line . .

DU PONT ROSE DUST



DU PONT ROSE DUST — An effective fungicide for the control of black spot, powdery mildew, rust and other foliage diseases of roses. Contains sulfa and "Fermate." Comes in three sizes . . . 8-oz. dust gun, 64c; 1-lb. sifter-top can, \$1.00; 4-lb. canister \$3.00.

DU PONT FLORAL DUST

DU PONT FLORAL DUST — For the control of many insects and diseases of flowers. Contains rotenone and methoxychlor for the control of insects, and sulphur and "Fermate" for the control of diseases. Comes in three sizes. . . 8-oz. dust gun, 79c; 1-lb. sifter-top can \$1.15; 4-lb. canister \$3.50.

DU PONT GARDEN DUST



DU PONT GARDEN DUST — An effective insecticide and fungicide for the control of many insects and diseases in gardens. Contains DDT for the control of insects, and "Fermate" and "Zerlate" to prevent and control many diseases. Comes in three sizes. . . 8-oz. dust gun 79c; 1-lb. sifter-top can \$1.15; 4-lb. canister \$3.50.

Du Pont LAWN WEED KILLER



DU PONT LIQUID LAWN WEED KILLER — A liquid containing 2,4-D for the control of plantain, dandelions and most other ugly weeds. For poison ivy, poison oak, weeds, a double strength solution usually does the job. Comes in 8-oz. cans \$1.00.

Du Pont "AMMATE" WEED KILLER



DUPONT "AMMATE" WEED KILLER — An effective chemical weed killer for poison ivy, sumac and other tough weeds. Dissolves easily in water. One application is all that is needed. Not for lawns. Comes in two sizes. . . 2-lb. bottle 85c; 6-lb. bottle \$2.25.

Du Pont VEGETABLE GARDEN DUST



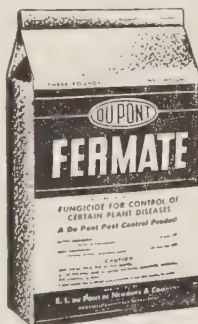
DUPONT VEGETABLE GARDEN DUST — A combination product which controls most common garden insects and diseases at the same time. Contains DuPont's new methoxychlor — a low toxicity insecticide — deadly to most sucking and chewing insects. Also, contains rotenone, another basic insecticide which controls many insects. Contains "Parzate" fungicide for early and late blight of tomatoes and potatoes, as well as other funguious diseases of vegetables. Fine for squashes, melons, cucumbers and other cucurbits. Comes in three sizes. . . 8-oz. dust gun, 79c; 1-lb. sifter-top can \$1.15; 4-lb. canister \$3.50.

DU PONT MARLATE 50



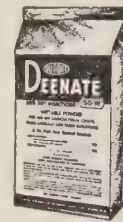
DU PONT MARLATE* 50 — 50% Technical Methoxychlor insecticide. A low-toxicity, long-lasting insecticide approved by U.S.D.A. for spraying or dusting dairy animals and buildings, fruits, vegetables, food processing plants, and for control of many household insects. Its low toxicity to humans and warm-blooded animals and because it has little tendency to be stored in body tissues or secreted in milk make it a preferred insecticide for use on forage crops, on animals being finished for slaughter, on truck and canning crops and on all dairy animals and premises. It can also be used on many crops such as cucurbits which are sensitive to most insecticides. 8-oz can 75c; 4-lb. bag \$3.85.

DU PONT FERMATE



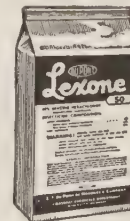
DU PONT FERMATE* FUNGICIDE — An organic fungicide for control of many diseases such as scab, rust, rot and blights of apples, pears, cherries, snap or string beans, celery, tomatoes, lettuce, ornamentals and tobacco. It is non-repressant to plants, can be used on copper-sensitive plants with safety and can be used as a spray or dust. Can be mixed with most insecticides, nicotine products, arsenicals and pyrethrum. 8-oz. can 75c; 3 lb. bag \$2.70.

Du Pont DENATE 50-W



DU PONT DEENATE* 50-W — 50% DDT Wettable Powder insecticide. A specially formulated DDT powder for use as a spray or dust to control insects on plants and animals and in buildings (except dairy animals and buildings). Can be mixed with most other insecticides and fungicides. 1-lb. can 75c; 4-lb. bag \$1.80.

Du Pont DU PONT LEXONE



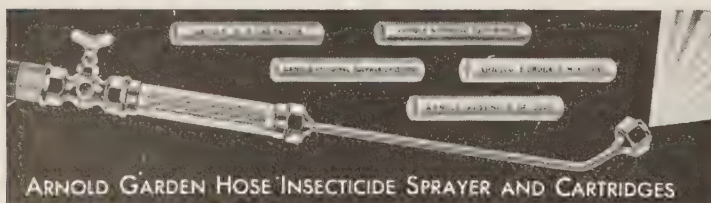
DU PONT LEXONE* 10-GW — 10% Gamma isomer of benzene hexachloride (BHC) wettable powder insecticide. A triple-action insecticide — stomach poison, contact poison and fumigant, for use as a spray, dust or livestock dip. For control of boll weevil, fleahopper, leaf worm, Lygus bug, stink bug, aphids, fall Army worm on cotton, plum curculio on peaches, insects attacking cabbage, tomatoes before fruit set and spinach in seedling stage, green bug in wheat, aphids in alfalfa, and lice, ticks, keds, horn flies, house flies on livestock. Also effective as a poison bran on grasshoppers. 6-lb. bag \$3.00.

Du Pont SPREADER STICKER



DU PONT SPREADER-STICKER — A combined wetting, spreading and sticking agent to be mixed with sprays containing insecticides, fungicides and weed killers to increase efficiency of sprays to wet more thoroughly, to penetrate to vulnerable parts, to stick longer and to insure more uniform coverage. It saves labor and materials costs by making fewer applications necessary. Pt. \$1.00; Gallon \$6.50.

*Reg. U.S. Pat. Off.



ARNOLD CARTRIDGES

Arnold Cartridges for use in the Arnold Garden Hose Sprayer are made in the following solid soluble forms. Under normal conditions each Arnold Cartridge makes the equivalent of 5 to 6 gallons of hand mixed spray.

P.R. — For the control of such sucking and chewing insect pests as Aphids, Rose Beetle, Canker Worm, Red Spider, Lawn and Sod Web

Worms when sprayed thoroughly and Leaf Roller when young. Licensed under U.S. Patent No. 1,967,024. Each 35c.

NIC-O-SPRAY — Will aid in control of certain soft-bodied, sucking insects such as Aphids. Each 35c.

PYR-O-SPRAY — Will aid in the control of certain soft-bodied sucking insects such as Aphids. Each 35c.

ROT-O-SPRAY — Will aid in the control of such insects as Cyclamen Mite, Mexican Bean Beetle, Striped Cucumber Beetle and Red Spider. Each 35c.

ARSEN-O-SPRAY — Will aid in the control of Canker Worm and other similar leaf chewing insects. Each 35c.

FUNGUSPRAY — Will aid in the control of certain leaf spots or blights such as are controllable by a mild or weak Bordeaux Mixture. Each 35c.

SULPH-O-SPRAY — Will aid in the control of such Fungus Diseases as are controlled by a mild or weak Sulphur Spray. Each 35c.

DORM-O-SPRAY — Contains miscible oil. For use in dormant spraying. Each 35c.

4-12-4 BACTEX

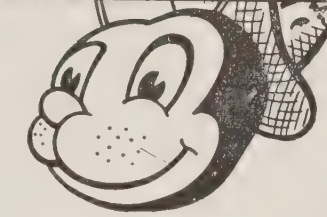
NITROGEN PHOSPHORIC ACID POTASH

ORGANIC & MINERAL FERTILIZER

BACTEX is good for ALL plants! NO SPECIAL PLANT FOODS NECESSARY! Just work BACTEX into soil and water well... that's all!

BACTEX contains soil-building bacteria... is a fertilizer and plant food! Economical to use; contains no inert filler; makes humus and holds moisture!

BACTEX has a compost base; is completely organic and min-



eral. Contains no sewage, garbage or manure! Use 3 qts. per 100 sq. ft. for Lawns... 1 qt. per Rose Bush... tablespoonful per Pot Plant.

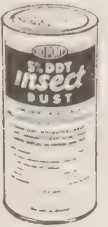
100 lbs. \$6 25 lbs. \$2 10 lbs. \$1.25

WILL NOT BURN PLANTS ON DIRECT CONTACT

DUPONT INSECT DUST 5% DDT Plus Pyrethrins and Rotenone

A household insect dust to combat fleas, roaches, ants, bedbugs and other crawling vermine. Pyrethrum and Rotenone for quick-kill and DDT for prolonged residual results.

2 oz. Duster \$.25
8 oz. sifter top can70
1 lb. sifter top can 1.15



DUPONT INSECT SPRAY 5% DDT Plus Pyrethrins

A non-staining oil base spray containing the effective DDT-Pyrethrum combination for flies, mosquitoes, gnats, bedbugs and other flying and crawling insects.

Pints \$.45
Quarts75
Gallon 2.50



DUPONT KARMEX

The new, popular 2-4D weed killer in tablet form. Dissolves quickly in water to the desired concentration.

25 tablet bottle \$1.00
100 tablet bottle 3.40



DUBAY SEED DISINFECTANTS PREVENT DISEASE LOSSES INCREASE STAND AND YIELDS



SEMESAN

For vegetables and flower seeds and bulbs. Generally preserves seeds against rotting in cold, wet soils; controls damping-off or seedling blight and certain other seed-borne diseases. Helps promote increased germination, sturdier growth, larger yields, better grade produce.

1/4 oz. 20c; 2 oz. 60c; 12 oz. \$2.40; 4 lbs. \$11.00.

CERESAN M

For all crops seeds on which New Improved CERESAN and 2% CERESAN are recommended. May be used as a dust or slurry on wheat, oats, barley, rye, sorghums, millets, cotton and flax. Recommended as a dust only on peas and sugar beets.

14 oz. \$1.00; 3 lbs. \$2.85.



SEMESAN BEL

For both Irish and sweet potatoes. Treat Irish potatoes to reduce seed rotting, surface seed-borne Rhizoctonia and scab. Treat sweet potatoes to protect against decay and as treatment for seed and sprouts to control stem-rot, scurf, soil-stain or rust.

2 oz. 50c; 1 lb. \$2.00; 4 lbs. \$6.33.



ARASAN

For corn, sorghums, peanuts, soybeans, rice and vegetables. Usually reduces losses from seed decay and damping-off. Two-way action: as a disinfectant, generally destroys many surface seed-borne organisms; as a protectant, generally protects seed against soil-borne organisms responsible for seed decay.

1/4 oz. 25c; 8 oz. 80c; 4 lbs. \$5.16.



New Improved CERESAN

For wheat, oats, barley, rye, sorghums, millets and flax, to control certain smuts and some other seed-borne diseases. Usually reduces seed decay and seedling damping-off of cotton, flax, peas and sugar beets, surface seed-borne anthracnose and angular leaf-spot of cotton.

4 oz. 45c; 1 lb. \$1.00; 4 lbs. \$3.40.

2% CERESAN

For cotton, peas and narcissus. Generally prevents seed decay and reduces damping-off, surface seed-borne angular leaf-spot and anthracnose of cotton. For peas, generally checks certain foot-rot diseases. Also reduces basal-rot of narcissus.

1 1/2 lb. \$1.25; 4 3/4 lbs. \$3.30; 25 lbs. \$16.09; 100 lbs. \$57.75.

SEMESAN Jr.

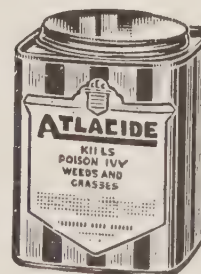
For seed corn. Generally helps protect seed against rotting in the soil and checks forms of seedling blight and root-rot caused by certain fungi (molds) on field, pop or sweet corn. Often improves germination, stands and yields.

12-oz. can 62c.



ATLACIDE

NON-POISONOUS WEED KILLER



Exterminates all undesirable vegetation — including poison ivy, etc. — as easily as watering a garden. No poison hazard to humans and animals. Simply mix with water and apply with sprinkler or sprayer. Especially recommended for

producing weed-free driveways, paths, tennis courts and gutters.

1 lb. 20c; 10 lbs. \$1.75; 25 lbs. \$4.00; 100 lbs. \$15.00.

**Black Leaf 40**

Kills Aphids, Thrips, Leaf Hoppers and other sucking insect pests on garden, farm and orchard crops by contact and fumes. Also used extensively for control of poultry lice by painting on roosts in poultry houses. 1 oz. 36c; 5 oz. \$1.05; 1 lb. \$2.42; 2 lb. \$4.15; 5 lb. \$7.40; 10 lb. \$12.65.

**BLACK LEAF
ROTENONE DUST**

We highly recommend this Rotenone Dust which contains 1% Rotenone plus 10% Sulphur on a special carrier that is very fluffy in nature and lends itself to greater dustability with more resultant coverage. 1 lb. 35c; 4 lbs. \$1.25; 50 lbs. \$10.30.

**BLACK LEAF 155**

Black Leaf 155 — A dry compound of "fixed" nicotine recommended for control of codling moth, grape berry moth, citrus thrips, and certain other pests destructive to fruit and foliage. 3 lbs. \$1.50.

**BLACK LEAF
Dry Concentrate**

Black Leaf Dry Concentrate — A convenient dry compound of soluble nicotine for use as a spray. Directions on package. 3 lbs. \$1.50.

BLACK LEAF GARDEN DUST

A multi-purpose Dust or Spray combining nicotine, pyrethrum and rotenone, and also a fungicide which makes it effective against every type of insect and fungus disease that attacks most garden crops. 8 oz. 65c; 1 lb. \$1.15.



Chlordane Products . .

COLORADO .44

Colorado .44 Emulsifiable Concentrate contains a minimum of 44% chlordane. Effective for control of grasshoppers, ants, onion thrips and certain other insect pests which attack agricultural crops. Hog Mange Mite can be cleared up with one application, using one gallon of .44 concentrate to 200 gallons of water. 4 oz. 75c; 8 oz. \$1.25; pint \$2.25; quart \$3.75; gallon \$11.00.

**COLORADO .44**

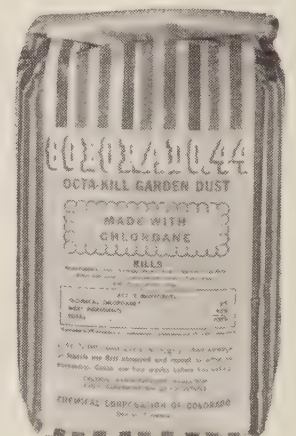
Colorado .44 Wettable Dust Concentrate — (40% Chlordane in a dust base). Can be used as a water miscible powder or as a dust concentrate to prepare dust mixtures. 4 lb. bag \$5.00.

COLORADO .44

Colorado .44 5% Chlordane Dust — For those who prefer ready to use dust to control insects attacking crops. 1 lb. dust gun 89c; 5 lb. bag \$1.95; 50 lb. bag \$7.25.

COLORADO .44

Colorado .44 Kilzit — (2% chlordane in a spray oil base). For indoor use in the homes and buildings to control roaches, black widow spiders, spiders, bed bugs, water bugs, ants and certain other insects. pint 59c; quart \$1.09; gallon \$3.25.

**OCTA-KILL**

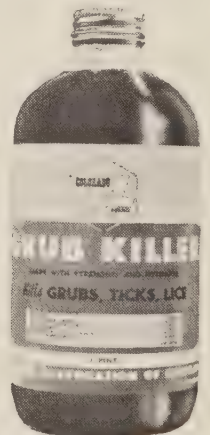
Octa-Kill — A 2½% chlordane liquid mixture which can be used both indoors and outdoors. Can be sprayed on both vegetable and flowers without danger. Pints 79c; quarts \$1.39; gallons \$3.95.

**GRUB KILLER**

Colorado .44 Grub Killer — A new way to control grubs, lice and ticks, also other parasites on cattle and livestock. Made with Rotenone and Pyrenone. Mix 1 gallon to 100 gallons of water. 4 oz. 75c; 8 oz. \$1.25; pint \$1.95; quart \$3.25; gallon \$10.95.

**LIVESTOCK SPRAY**

Colorado .44 Livestock Spray — Kills flies, ticks and lice on livestock. Made with Chlordane and Pyrenone. Mixes 1 to 200, making it very economical to use. Is also safe as it will not kill warm-blooded animals. 4 oz. 75c; 8 oz. \$1.25; pint \$1.95; quart \$3.25; gallon \$10.95.



CORONA HAND MADE PRUNING TOOLS

(AMERICA'S FINEST)



CORONA CALKINS PRUNER No. R-8—Hand made of high grade alloy tool steel for tough going. Every blade is ground and designed to cut the toughest wood easily and smoothly. Each \$3.95.
CORONA PRUNING SHEAR No. 800 — You cannot find a better pruning shear. Each \$5.25.
CORONA GARDEN CLIPPER No. 4 — Made of fine steel, designed for light pruning, rose cutting and general all around work in the garden, nursery or florist shop. Each \$1.50.



CORONA UTILITY SHEAR No. 19 — Especially designed for cutting flowers in the garden or in the home for flower arrangement and vegetable trimming. Each 39c.

CORONA GRAPE SHEAR No. 21-C — A long, thin, precision-made, curved bladed shear designed for grape harvesting, but ideal for many other uses around the garden. Each \$1.50.

R-21-S — Same as above with straight blade. Each \$1.50.



INSECTICIDES AND FUNGICIDES

SPRAY GUIDE CHART FREE

HELPS YOU TO RECOGNIZE GARDEN ENEMIES AND SHOWS HOW TO COMBAT THEM.
WRITE, PHONE OR CALL FOR YOUR FREE COPY.

ACME SCIENTIFIC ROSE SPRAY

A "system" of spray treatment for roses and flowers of all kinds. Eliminates guess work. Each set contains three separate items, each scientifically made to combat one of the three major classifications of blight and insect pest. Combine all three. Use regularly. Result: Complete all-around protection.

No. 3—Amount of Spray 12 quarts.
Protects 7 to 12 bushes all season 95c
No. 6—Amount of Spray 24-quarts.
Protects 15 to 25 Bushes all season \$1.50
No. 24—Amount of Spray 96 quarts.
Protects 60 to 100 Bushes all season. \$4.00



ACME STOP

Tree Banding Compound

Stop is a splendid new tree banding compound, which acts as an uncrossable barrier to crawling insects, such as ants, worms and caterpillars.
1 lb. jar 95c; 7½ lb. can \$5.50.

ACME EMO-NIK

Most yards contain foliage that is affected by Scale, Red Spider, and certain other troublesome pests. Here is a complete contact insect spray combining nicotine in its most active form with Emo, a high quality summer oil emulsion.

Recommended for control of Aphis, Mealy Bugs, Red Spider, Thrip, White Flies, Rust Mites, Mildew, certain scale insects and other garden pests.
4½ oz. 42c; pint 80c; quart \$1.20; gallon \$3.30; 5 gallons \$12.00.



ACME WETTABLE DUSTING SULPHUR

(An Excellent Chigger Chaser)

An improved dusting sulphur which can also be used as a liquid spray. Recommended to control mildew, leaf spot, black spot and rust on rose bushes, chrysanthemums, snapdragons, carnations, and certain other foliage; also red spiders on evergreen. 98% passes through 325 mesh screen. 2 pound carton. 48c ea.



ACME KOPPER QUEEN

(Mildew Spray)

A strong liquid copper spray for the control of mildew, leaf spot, and black spot on rose bushes, flowers, and many other kinds of foliage. Stainless, leaves no unsightly residue to detract from appearance of flowers and ornamentals. Use as a liquid spray replacing Bordeaux Mixture and sulphur.



½ pint, 35c; pint, 60c; quart, 95c; gallon, \$2.25.



Aphis Spray

An improved nicotine spray combining a soft soap with Black Leaf 40, suitable for the control of all kinds of aphis (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with any kind of water. 12 oz. can 99c; 2½ lb. can \$2.35.



Red River Potato Mix

RED RIVER POTATO MIX — Kills Potato Bugs and controls Blight, Leaf Hoppers and Flea Beetles, stimulates growth. Use as a liquid spray 4 or 6 lbs. to 50 gallons of water. As a dust 4 to 6 lbs. per acre. 1 lb. pkt. 60c; 4 lb. pkt. \$1.90.

ACME PARIS GREEN — A rich emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quick control where extreme measures are necessary.

¼ lb. 25c; 1 lb. 65c; 5 lbs. \$3.00; 25 lbs. \$12.00; 100 lbs. \$40.00.

ACME DRY LIME SULPHUR — For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mote.

1 lb. 40c; 5 lbs. \$1.65; 100 lbs. \$19.00.

ACME FISH SOAP — A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc.

Its use with Nicotine greatly increases the value of that spray.

1 lb. 45c; 7½ lbs. \$2.60.

ACME LONDON PURPLE — A favored insecticide for 50 years. Now stronger and better than ever.

¼ lb. 18c; 1 lb. 40c.

ACME ARSENATE OF LEAD — The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves.

1 lb. 67c; 4 lbs. \$1.60.

ACME BORDEAUX MIXTURE — Prevents large losses caused by blight, rot, mildew, scab, anthracnose, and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests.

1 lb. 40c; 4 lbs. 95c.

ACME CALCIUM ARSENATE — The cheapest arsenical insecticide on the market but of great economy and efficiency for certain purposes. The accepted dust for boll weevil poisoning on cotton; also recommended to combat chewing insects.

1 lb. 35c; 4 lbs. 65c.

SUNOCO SELF-EMULSIFYING SPRAY — Will emulsify in any water and is clean to use. It will not deteriorate from season to season. Kills every scale it touches—

SUNOCO SPRAY is used to control scale insects on all types of Evergreen, Fruit and Shade Trees for both summer and dormant spray. Ask for free booklet giving detailed information. Qt. 40c; ½ gal. 70c; 1 gal. \$1.25.

NNOR ROTENONE GARDEN SPRAY

Double action gives you the tremendous killing power of Rotenone in a more powerful form than ever before. The outstanding effectiveness of NNOR Garden Spray is largely due to a new chemical material called techinal mannitan monolaurate. Techinal mannitan monolaurate is not only a superior wetting, spreading and penetrating agent—it is also an insecticide in itself. This combined with rotenone makes it a proven effective garden spray that wets the insect, penetrating, the waxy or hairy covering, causing death to most common garden insects.

1 oz. 35c; 6 oz. \$1.00; 1 gallon, \$13.50.



ACME ALL ROUND SPRAY

For roses, azaleas, other flowers, shrubs, vegetables, vines. A new, modern, carefully formulated multi-purpose product designed to provide with one application the best available protection against both insects and fungi such as rose chafer, azalea flower spot, thrip, black spot, downy mildews, leaf spot, many rusts, Japanese beetle, leafhopper, flea beetle, aphis, cabbage worm and many others. Suitable for dusting as well as spraying. 1 lb. carton 95c.

ACME TOMATO DUST

A general garden insecticide and fungicide with special emphasis on complete tomato protection. Controls early and late blight as well as horn worm, fruit worm and flea beetle on tomatoes as well as on cucumbers, beans, cabbage, potatoes and many flowers such as hollyhocks, asters, roses, azaleas, etc. 1 lb. sifter, 55c; 5 lb. pkg. \$1.25.



ACME ROTENONE GARDEN GUARD

Controls the widest variety of chewing and sucking insects of any insecticide on the market today. Non injurious to humans, pets and animals. Use as dust or spray to control aphis, bean beetles, asparagus beetles, horn worm, tarnish plant bug, cabbage worm, current worms, rose caterpillars, blister beetles and other common insects. 1 lb. 45c; 4 lb. pkg. 90c; 50 lb. bag \$9.00.

many flowers such as hollyhocks, asters, roses, azaleas, etc. 1 lb. sifter, 55c; 5 lb. pkg. \$1.25.

tarnish plant bug, cabbage worm, current worms, rose caterpillars, blister beetles and other common insects. 1 lb. 45c; 4 lb. pkg. 90c; 50 lb. bag \$9.00.

ACME GARDEN DURADUST

A ready-to-use dust for home gardens, contains 5% DDT and 9% metallic copper. Effective not only as a powerful insecticide but as a fungicide in control of many forms of blight and fungous diseases. Particularly effective on rose chafer, leaf hopper and corn ear worm. Dust or spray. 1 lb. sifter, 30c; 4 lb. bag 60c.



ACME BAIT-M

A double action migratory insect bait. Contains Tri-Calcium Arsenate and Metaldehyde. Very effective in destroying snails, slugs, sow bugs, cut worms, grasshoppers and earwigs. 1lb. pkg. 35c; 2½ lb pkg. 75c.

Protect your beautiful garden...

Check your needs for these
ORTHO pest control products



MULTI-PURPOSE SPRAY

ORTHO Garden Spray Set. For use against more prevalent garden insects. Set contains 4-ounce bottle of Extrax Insect Spray, Greenol Liquid Fungicide and Volck Oil Spray. Makes 25 gallons Multi-Purpose Spray. Price: \$1.85.

MULTI-PURPOSE DUST

BOTANO Garden Dust. For use against many insects and diseases. One of the safest multi-purpose dusts that can be used. 10-oz. size also serves as handy garden duster. Includes Rotenone and Pyrethrum. 10-oz. Duster 69c.

MULTI-PURPOSE BAIT

BUG-GETA Pellets. For use against Principal Foraging Pests.

Slugs, Snails, Cutworms, Ear-wigs, Grasshoppers, Strawberry Root Weevil. Baiting against these pests is easy with the new Bug-Geta Pellets Compressed Baits. 5,000 baits in a 2-pound carton. 12-oz. carton, 35c; 2-lb. carton 75c; 5-lb. carton \$1.50.

CALTOX Garden Dust "525". Especially useful on Tomatoes, Potatoes, Cucumbers, Squash, and Melons. Contains Cryolite, Copper and Zinc. 10-oz. Dual Purpose Package 59c.

VOLCK Oil Spray. Envelops, wets and smothers many sucking insects. Also spray carrier for other sprays. 4-oz. Bottle 35c; 1-Pint Bottle 70c; 1-gallon Can \$2.85

ORTHOL Garden Spray (Garden Volck with DDT). Kills Aphids, Thrips, Mealybugs and many other insects. 4-oz. Bottle 50c.

ORTHO Sowbug Killer. A specially prepared bait for use against Sowbugs and Pillbugs. 1-lb. Can 50c.

ORTHO Ant and Roach Powder. A Flourine-Pyrethrum Insecticide for use against Ants, Roaches, Silverfish. Easy to use. 4½-oz. Shaker 25c.

EXTRAX Insect Spray. Contains Rotenone and Pyrethrum. Kills by contact insects such as Aphids, Beetles, Caterpillars, Thrips. 4-oz. Bottle \$1.00; 1 Pint \$2.85.

TWO NEW DDT INSECTICIDES

PEST-B-GON Insect Spray. Contains 20% DDT. Kills Beetles, Worms, Thrips, Ants, Leafhoppers; also House-flies (as screen paint) Mosquitoes, Fleas. 4-oz. Bottle 65c 1 Pint \$2.00.

ORTHO Lead Arsenate. A stomach poison for use as a spray or dust. 1 lb. 50c.

GREENOL Liquid Fungicide. A copper fungicide used to prevent Powdery Mildew. 4-oz. bottle 60c; 1 pint \$1.50.

ORTHO Rose Spray Kit. Special Combination Offer. Contains 2-oz. bottle "Extrax" for Aphids and other insects and 2-oz. bottle "Greenol" to prevent certain Powdery Mildews. Makes 12 gallons spray. Used for vegetables, too. Each Kit \$1.00.

ORTHO Rat Bait Pellets. Ready-to-use Red Squill Baits. Poisoned Rats seek underground burrows before dying. 2-oz. Carton 35c; 6-oz. Carton 45c.

ORTHO Rodent Destroyer. Kills Gophers, Squirrels, Prairie Dogs, Rats, Mice. This bait is poisoned with strychnine. 6-oz. Carton 35c.

SCRAM Dog Repellent. A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use. Does not harm animals. 8-oz. Shaker 50c.

BOTANO DE LUXE

Kills a wide variety of sucking and chewing insects such as Aphids, Trips, Mealybugs, White Flies and many chewing insects such as Beetles, Caterpillars, pear and cherry slugs, etc. It also controls powdery mildew, black spot and rust. 8 oz. duster 79c

LAWN GROOM

The newest thing in scientific lawn treatment - it does three jobs in one application: feeds the lawn; kills the weeds; and controls insects. 5 lbs. covers 1,000 sq. feet of lawn. 5 lbs. size \$1.69; 10 lbs. size \$2.95.

FLORIDA VOLCK (Paste Emulsion)

For use against mealybugs, lace bugs, mites, red spiders, white flies and scale insects. Especially prepared for use on Azaleas, Camellias and Citrus. Quart \$1.25; gallon \$2.85.

VAPOTONE XX SPRAY

A multi-purpose garden insecticide for garden and greenhouse use. Kills Aphids, Red Spider Mites, Thrips, Scale Crawler. 4 oz. 85c; ½ gallon \$7.90; gallon \$11.90.

LET US HELP YOU
WITH YOUR
SPRAYING PROBLEMS.

A LETTER OR CARD
WILL BE
PROMPTLY ANSWERED.



REG. U. S. PAT. OFF.

HUDSON TANK SPRAYERS



HUDSON LEADER No. 192G

A full 3½-gallon capacity sprayer with malleable screw cap and funnel-top. Large capacity and high pressure adapt it for all work. Locks open for continuous spraying. Seams rivetted and soldered. Top and bottom double beaded. Tested at 100 lbs. pressure.

Price \$7.95.

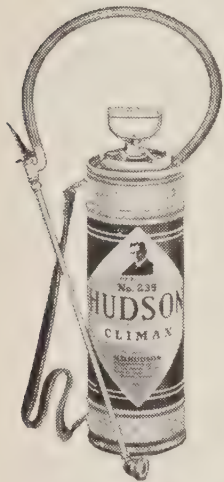


HUDSON PERFECTION No. 210G

A 4-gallon open top sprayer. Big 6-inch opening insures easy filling, emptying or cleaning. Drains completely dry. Shut-off valve locks open for continuous spraying. Unusually large capacity and high pressure fit it for any job.

Price \$11.60.

No. 210B — Same as No. 210G except all brass \$18.40



No. 235G Climax Sprayer — 3½ gal. capacity with open head --- 9.80

No. 235B Climax Sprayer — Same as No. 235G except brass tank... 14.40

No. 241G Climax Jr. Sprayer 2½ gal. capacity with open head 9.80

No. 241B Climax Jr. Sprayer — Same as No. 241G except brass tank 14.40

No. 291G Booster Sprayer — 3¼ gal. funnel top, all welded tank 6.48

No. 750 Industrial Sprayer — 4 gal. open top especially built for use in industrial plants..... 14.00

No. 347GA Du-More Knapsack Sprayer — 4 gallon galvanized tank with 5½ inch Lock-tite cover. Removable brass strainer and spill proof design 28.40



HUDSON HAND SPRAYERS



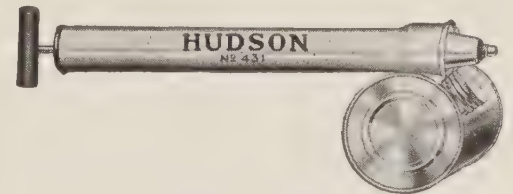
HUDSON ADMIRAL DUSTER No. 766

Big capacity hand duster with 24-inch extension. Adjustable directional nozzle. Easy to fill. Discharge ranges from very fine to a heavy cloud. For small and medium size gardens. Price \$1.55.



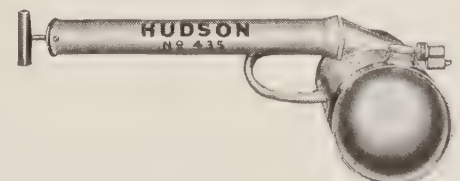
MISTY NO-DRIP No. 403

Universal favorite for around house, yard, garden or poultry house. Full-quart capacity. Drip cup prevents overflow. Point of pump passes through top of tank insuring strength and positive alignment. Price 60c.



HUDSON COMET No. 431

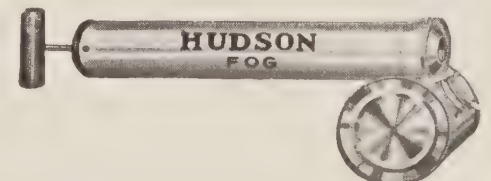
Easy action continuous sprayer for controlling flying and crawling insects for stock dips. And similar preparations in the dairy barn, poultry house, hog pen, etc., and for garden and household use. Price 97c.



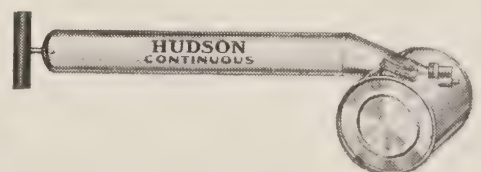
No. 436 Cardinal Sprayers — 2½ quart continuous type \$2.00

No. 433 Mercury Sprayer — Full quart continuous - 2-spray nozzle 1.25

No. 428 Critic Sprayer - 24 oz. glass tank continuous type 1.75



No. 303 Fog No-Drip — Full pint perfect vaporizer45



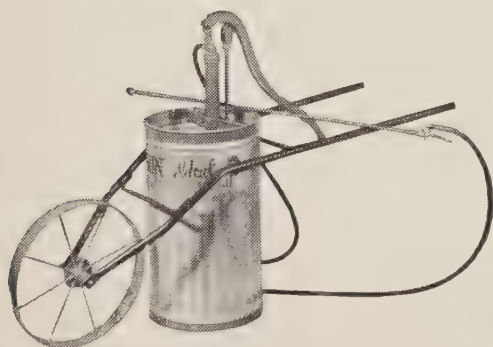
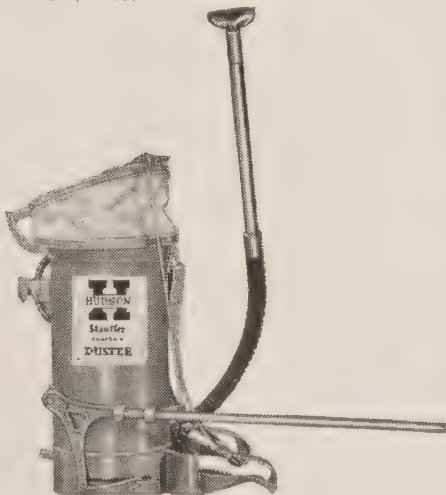
No. 222 Vapor Sprayer — Full pint heavy tinplate35

Ask us for other sprayers for the garden, farm, orchard, or some other special purposes.

HUDSON STAUFFER

KNAPSACK DUSTER No. 1A

For field, vineyard, orchard or nursery. Bellows type for "puff" or "blast" dusting. Holds 18 to 20 pounds of average weight dust. Dust-tight and well constructed for years of service. Price \$28.00.



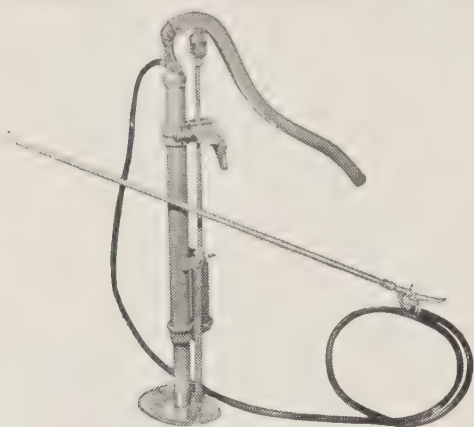
HUDSON SUNSHINE WHEELBARROW SPRAYER No. 36

Has 12½ gallon capacity, develops 150 lbs. nozzle pressure. For truck gardens, greenhouses, orchards and nurseries. Compact. Non-clogging intake strainer. No. 36R — with rubber tire Price \$23.60.

No. 34 IDEAL SPRAYER

No. 34 Ideal Sprayer — 15 gallon capacity tank, with pressure gauge with pressure up to 200 lbs. Price \$45.60.

BARREL AND BUCKET PUMPS



No. 4A Barrel Pump — A rugged heavy duty unit with working pressure of 200 lbs.; 10 foot $\frac{1}{4}$ inch heavy pressure spray hose. Price \$20.70.

No. 122 Modoc Bucket Pump — Handles white-wash, cold water paint, insecticides, disinfectants. Tested and guaranteed. Price \$7.60.

HUDSON DUSTERS



No. 660 Signal Duster — Pump $1\frac{1}{2}$ -inch diameter, 10 inches long\$.45

No. 673 Cadet Duster — Pump $1\frac{1}{2}$ -inch diameter, 13 inches long58

No. 664 Adjutant Duster—Pump $1\frac{1}{2}$ x10 in, powder reservoir $3\frac{1}{2}$ x 4 in.90

No. 666 Major Duster — Pump $1\frac{3}{4}$ x 13 inches, powder reservoir $4\frac{1}{4}$ x $4\frac{1}{2}$ inches 1.20

No. 612 Patrol Duster — Pump $1\frac{1}{2}$ x 13 inches. Powder reservoir sturdy 24-oz. glass jar standard thread. 1.25

No. 802 Roto-Power Duster — Capacity 6 to 12 lbs. dust according to density; and is designed for all types of farm operations 19.60

Write for complete Hudson Spray catalog



Germozone — 4-oz. bottle\$.40

Germozone — 12-oz. bottle75

Germozone — 32-oz. bottle 1.50

Germozone — $\frac{1}{2}$ -gal. bottle 2.50

Germozone — 1-gal. bottle 4.50

Acidox — 4-oz. bottle50

Acidox — 12-oz. bottle 1.00

Acidox — 32-oz. bottle 2.00

Acidox — $\frac{1}{2}$ -gal. bottle 3.50

Acidox — 1-gal. bottle 6.50

Lee's Sulfamerazine — 4-oz. bottle 1.25

Lee's Sulfamerazine — 12-oz. bottle 3.00

Lee's Sulfamerazine — 32-oz. bottle 7.50

Gizzard Capsules, Adult — 10-cap. env.15

Gizzard Capsules, Adult — 50-cap. pkg.75

Gizzard Capsules, Adult — 100-cap. pkg. 1.25

Gizzard Capsules, Pullet — 10-cap. env.10

Gizzard Capsules, Pullet — 50-cap. pkg.50

Gizzard Capsules, Pullet — 100-cap. pkg. 1.00

Gizzard Capsules, Chick — 10-cap. env.10

Gizzard Capsules, Chick — 50-cap. pkg.40

Gizzard Capsules, Chick — 100-cap. pkg.75

Lee's Flock Wormer — 8-oz. 1.25

Lee's Flock Wormer — 1-lb. 2.25

Vapo-Spray — 1-pint can50

Vapo-Spray — 1-qt. can75

Vapo-Spray — $\frac{1}{2}$ -gal. can 1.25

Vapo-Spray — 1-gal. can 2.00

Vapo-Spray — 5-gal. can 8.75

Leemulsion — 4-oz. bottle50

Leemulsion — 12-oz. bottle 1.00

Leemulsion — 32-oz. bottle 2.00

Leemulsion — $\frac{1}{2}$ -gal. bottle 3.50

Leemulsion — 1-gal. bottle 6.50

Lee's Louse Powder — 1-lb.30

Lee's Louse Powder — $2\frac{1}{2}$ -lbs.60

Tonax — 12-oz. can30

Tonax — 2-lb. can75

Tonax — 6-lb. can 2.00

Tonax — 25-lb. fibre pail 7.50

Tonax — 50-lb. drum 14.00

Tonax — 100-lb. drum 25.00

Lee's Mite Killer — 1-quart can60

Lee's Mite Killer — $\frac{1}{2}$ -gal. can90

Lee's Mite Killer — 1-gal. can 1.50

Lee's Mite Killer — 5-gal. can 6.00

Perch Paint — $\frac{1}{2}$ -pint can85

Perch Paint — 1-pint can 1.50

Perch Paint — 1-quart can 2.50

Lee's Dri-Rub — 3-lb. can50

Lee's Dip — 1-quart75

Lee's Dip — 1-gal. 2.25

Lee's Dip — 5-gal. pail 10.00

Lee's Hog Oil Wormer — 12-oz. bottle 1.00

Lee's Hog Oil Wormer — 1-quart bottle 2.00

Lee's Hog Oil Wormer — $\frac{1}{2}$ -gal. bottle 3.50

Pickpaste — 2-oz. jar25

Pickpaste — 6-oz. jar60

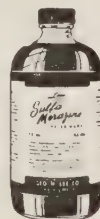
Blitspray — Pints75

Blitspray — Quarts 1.25

Blitspray — $\frac{1}{2}$ gallon 2.25

Blitspray — Gallon 4.00

Lee's Poultry Nasal Syringe — 2-oz. 1.15



Bradson Line..



INSECT-O-GUN

Just attach to your garden hose to spray properly proportioned insecticides and fungicides. No tank to carry. Water does the work. Flat, fan-shaped, professional type, wettable spray won't whip or damage plants. Spray slants upward at correct angle for under leaf coverage. Broken jars can be replaced from the kitchen (standard Mason jars). Cleans completely in 30 seconds.

Price Each \$5.95.

GARD-N-GUN

Sprays $1\frac{1}{2}$ gallons properly proportioned spray with the $\frac{1}{2}$ pint jar furnished. Extra large size spray holes make clogging almost impossible and permits spraying a much wider range of materials — even those relatively insoluble. No strainers needed. Price Each \$2.45.



GRO-GUN

For all liquid fertilizers, soluble plant foods and weed killers. No moving parts, no valves, nothing to go wrong. Sprays 15 gallons with pint jars and 30 gallons with quart jars. Can be used with either wide or narrow mouth bottles or jars. Ideal for watering or fertilizing potted plants.

Price Each \$2.45.

GARD-N-TYS

A new economical plant tie for fastening vines, flowers, shrubs and plants. Quickly twisted or tied-permanent. No knife to carry. No twine to untangle. Extra thick paper cushion gives more protection, prevents plant damage. Wire core gives strength and permanence. Packed as follows: 175 4-inch 25c; 60 7-inch 15c; 100 7-inch 25c; 100 15-inch 50c; 200-foot spool \$1.00. Ask for prices in bulk.



DOBBINS Superbilt SPRAYERS and DUSTERS

BIG HEAD SPRAYER



Heavy, galvanized steel tank, seams electric welded. BIGHEAD opening at top, making it an easy sprayer to fill and clean. Patented self-lubricating pressure seal valve plunger gives more air per stroke. Trigger-quick spray lock for continuous spraying. For all spray solutions, including DDT and weed control chemicals.

Tank: 7 $\frac{3}{8}$ in. x 22 $\frac{1}{2}$ in., 4-gallon capacity.
Pump: 1 $\frac{1}{4}$ in. x 16 in., seamless brass, 2-ft. brass extension rod with adjustable nozzle. Sprays at any angle. Price \$12.15.

DELUXE GARDEN SPRAYER



High quality, 2-gallon sprayer of exclusive design. Oval tank comfortable aluminum handle. Light weight. Recommended for DDT solution, weed control chemicals, and all insecticides and disinfectants. Fun-L-Fill top. Galvanized steel. Self-lubricating pressure seal valve plunger. Pat-

ented cam lock.

Tank: 10 $\frac{1}{4}$ in. long, 6 $\frac{3}{4}$ in. wide, 10 $\frac{3}{8}$ in. high.
Pump: 1 $\frac{1}{4}$ in. diameter, 8 $\frac{1}{2}$ in. long. Discharge Equipment: 3 feet of $\frac{3}{8}$ in. high-pressure spray hose. Automatic shut-off. Trigger quick lock. Price \$9.10.



No. 132 HAND DUSTER

The most efficient hand duster ever made. Highly recommended for applying Pyrethrum, Rotenone and Derris Root dust insecticides. A uniform discharge down to the last particle of dust. Tested and proved for all garden and field crops. Has 2 ft. extension, patented two-way cap for dusting top and underside of leaves.

Pump: 4 in. diameter, 7 $\frac{1}{2}$ in. stroke, with self-lubricating pressure seal valve plunger. Capacity 1 lb. Price \$1.55.

FUN-L-FILL SPRAYER



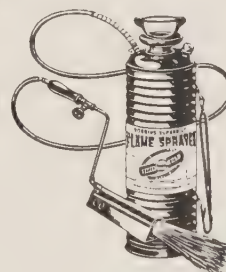
No. 21G

Tank: 7 $\frac{1}{8}$ in. x 21 $\frac{1}{4}$ in., 3 $\frac{1}{2}$ gallon capacity.
Pump: 1 $\frac{1}{4}$ in. x 14 in. 24 in. curved brass extension. Brass nozzle cap. Automatic shut-off with trigger-quick spray lock.
Price \$7.75.

FLAT SPRAY NOZZLE CAP

Interchanges with regular nozzle cap on all sprayers. Especially desirable for applying DDT solutions and weed control chemicals. Fine and coarse discs furnished.

FLAME SPRAYER



Kills weeds and grasses. Burns rubbish and brush. Disinfects poultry houses, and yards, rabbit hutches. Heats and thaws. Flame temperature 2,000 degrees F. Average fuel consumption 1 gallon per hour. Heavy galvanized 4-gallon steel tank with electric welded seams, tested for high pressure. Heavy steel welded torch. Brass burner with a needle-valve control.

Price \$19.05

No. 200 SUPERBILT DUSTER

An excellent crank duster for either one or two row dusting. Capacity 50 to 10 lbs. A fine duster for the small truck farmer.

Price \$19.10

No. 34G BIG HEAD SPRAYER

Very similar to No. 44G Sprayer described above, except that it has a smaller tank holding only 3 $\frac{1}{2}$ gallons. Price \$9.90.

No. 21S FUN-L-FILL SPRAYER

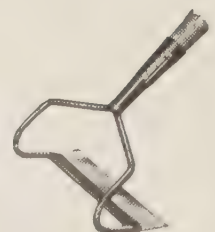
Identical to the 21G Sprayer described but it is made of stainless steel which does not corrode or rust and will last a lifetime with reasonable care. Price \$14.45.



CONTINUOUS HAND SPRAYER

Easily detachable glass container with large filler opening. For all chemicals, disinfectants and insecticides free from sediment. Patented brass nozzle.

Tank: Glass, 4 in. diameter, 4 $\frac{1}{4}$ high.
Pump: 1 $\frac{1}{2}$ in. diameter, 14 in. long, heavy steel.
Price \$1.53.

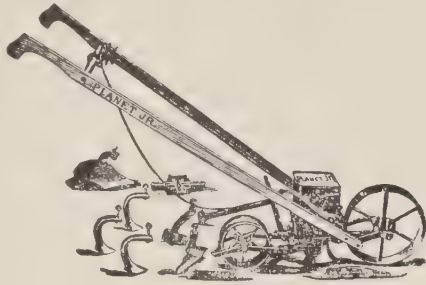
GARDEX *Soil-Flow*
 America's Modern Garden **TOOLS**


No. 001-2½	D-Handle Spading Fork	\$2.25
No. 002-4	Large Handle Spading Fork	2.25
No. 5-4H	Sidewalk Scraper	1.10
No. 122-5	Replacement Blade	.26
No. 122-7	Replacement Blade	.30
No. 270-2½	Hand Seeder	1.50
No. 401-4	Wheel Edger	2.50
No. 402-4	Half Moon Edger	1.60
No. 403-3½	Lawn Sweep	1.35
No. 431-3½	Dandelion Cutter	.65
No. 703	Midget Fork	.40
No. 706	Dandelion Cutter	.50
No. 713	Midget Cultivator	.40
No. 714	Midget Culti-Weeder	.50
No. 715	Midget Rake	.50
No. 717	Hand Broom	.50
No. 721	Midget Culti-Spade	.50
No. 732	Midget Culti-Hoe	.55
No. 740	Trowel	.60
No. 741	Transplanting Trowel	.60
No. 940	Hang-It	.10
No. 751	Dibble	1.10
No. 1105-4½	Pull Hoe Weeder	1.85
No. 1207-4½	Double Bow Hoe	1.50
No. 1215-4	Single Bow Hoe	1.35
No. 1408-5	Rapid Hoe	3.00
No. 1523-4	Cultivator Weeder	1.60
No. 1605-4½	7 in 1 Cultivator	1.85
No. 1730-4½	Aerotator-Weeder	1.45
No. 2006-4½	Plow	2.10
No. 2008-4½	Plow	2.60
No. 2105-4½	Warren Hoe	1.75
No. 2418-4½	Pulverizer	3.25
No. 2428-5	Pulverizer	4.95
No. 4107-4½	Scuffle Hoe	1.50
No. 9027-4½	Nurserymen's Hoe	1.40
No. 9037-15	Beet Thinning Hoe	1.20
No. 9066½-4	Field Hoe	1.10
No. 9128-5	Cotton Hoe	1.40
No. 9210-4	Field Hoe	1.20
No. 9310-4½	Field Hoe	1.40
No. 25014-5	Bow Rake	1.70
No. 25114-5	Curved Rake	1.45
No. 25310-3½	Floral Rake	1.00
No. 25410-5	Roller Rake	3.25

Write Us For Folder On This Line

PLANET JR. No. 4 COMBINED HILL AND DRILL SEEDER

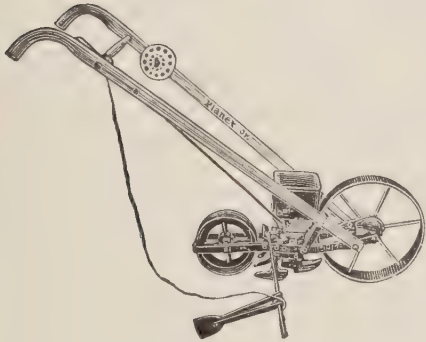
The No. 4 is a combination of the most useful tools for a moderate sized garden. It plants almost all vegetable seed in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. A plow adjustable for depth opens a straight narrow furrow, the seeds are dropped in it, are covered and the soil is firmed and the next row marked out all in the same operation. Converted into a Single-Wheel Hoe by changing 1 bolt.



Cultivating equipment includes all the essential equipment for hoeing, weeding, cultivating, plowing, furrowing, ridging, etc. The tools are oil hardened and tempered and will wear almost indefinitely.

No. 4 — Complete	-----	\$27.95
No. 4D — Planter only	-----	22.35

PLANET JR. No. 300-A SEEDER



The No. 300-A sows through holes in a thin seedling plate; 3 plates each with 13 holes provides ample adjustment for any seed. Many exclusive features contribute to make this the most accurate and satisfactory seeder for commercial growers. No. 300A — Planter only

Price \$30.25

GARDEN PLOW



A counterbalance plow, with a 24 inch high wheel made of the very best material and most careful workmanship. This is a good strong, durable tool and can be used in the largest gardens. Is very popular and the best of its kind. Shipped with tools as shown.

PLANET JR. PLOW

No. 119	-----	\$7.70
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CYCLONE SEED SOWER

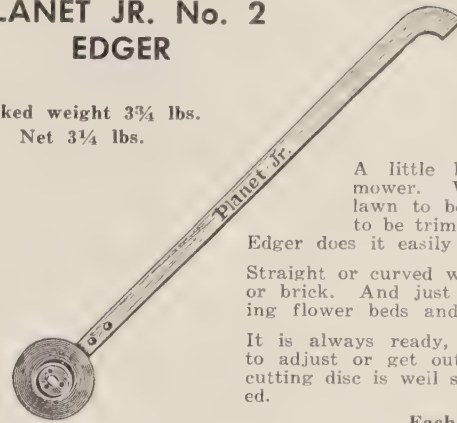
A machine of very simple construction. This seeder will sow any seed that is sown broadcast, such as Oats, Wheat, Rye, Millet, Clovers, Grass Seeds, etc. It can be very easily adjusted to suit seed being sown. We sell a world of them every year and our customers say they give good satisfaction. Mailing weight: 6 lbs.

Each \$4.00



PLANET JR. No. 2 EDGER

Packed weight 3¾ lbs.
Net 3¼ lbs.



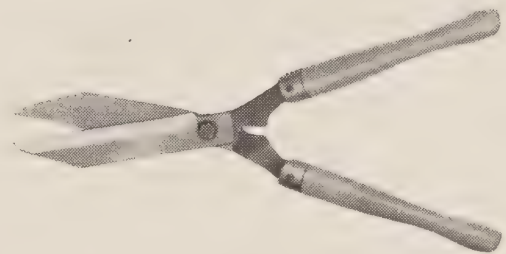
A little brother to the lawn mower. Wherever there is a lawn to be cut there are edges to be trimmed. The Planet, Jr. Edger does it easily and quickly.

Straight or curved walks — cement, stone or brick. And just as effective for edging flower beds and borders.

It is always ready, for there is nothing to adjust or get out of order. And the cutting disc is well sharpened and tempered.

Each \$2.50

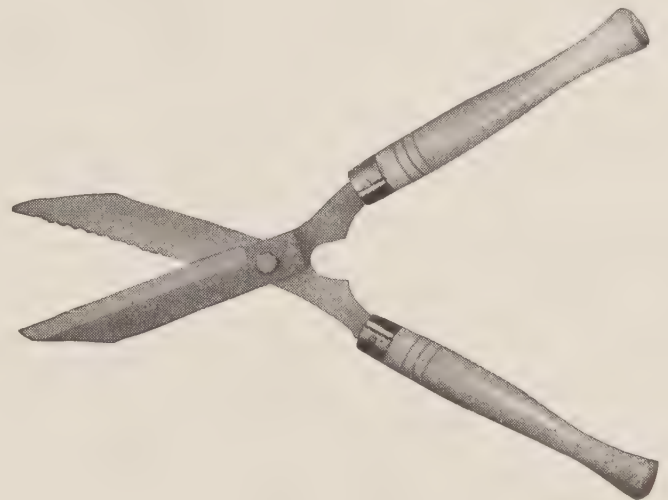
NEWMAN GARDEN TOOLS



No. 50

A light weight 6-in. Hedge Shear preferred by women. Forged Steel Blades with handles riveted to tangs to insure permanence.

Price \$1.10



No. 65

An 8-in. Hedge Shear with Bevel Ground Full Polished Blades — One Blade Serrated and Notched. Blades riveted to clear lacquered handles. Special bevel opposite notch for easy cutting.

Each \$2.25

NEWMAN GRAPE SHEARS



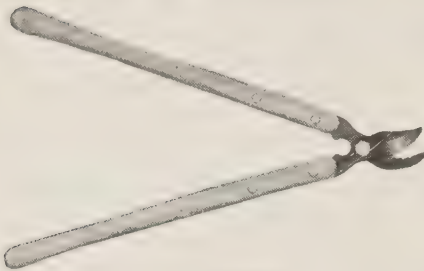
No. 21S and No. 21C

Newman Grape Shears, illustrated above, while designed especially for the harvesting of grapes, have a multitude of other uses.

These shears are made in two types — one with curved blades and one with straight blades, and either type can be used for varied pruning.

21S and 21C, Each \$1.50

LOPPING SHEAR



No. 175-20R

First Quality Polished Hickory Handles riveted to tang. Maximum Shearing Action — Offset Cutting Blade — High Polished Uniform Bevel of Heat Treated Steel — Hooked Anvil — Anvil notched to prevent branch from slipping. Ea. \$1.95.



No. 110-6

Drop Forged — Hollow Ground — Polished Blades — Carefully Made — Bright Coil Spring Snap-Shut Clip stays out of way when shears are in use. Two-color enamel handles. Ea. \$1.20.

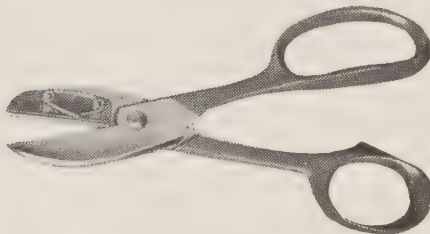
NEWMAN GARDEN PRUNER



No. 40

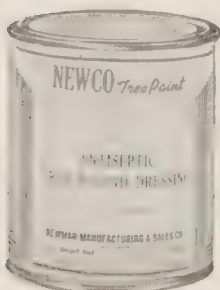
The Garden Hand Pruner has had wide acceptance among home owners, nurserymen, florists, and wherever light pruners are used. It is constructed with the same precision featured in all Newman tools and is made of fine steel. We say without reservation the Garden Hand Pruner is unsurpassed in its class. Ea. \$1.10.

FLOWER PICKER



No. 22

Cuts and holds the flowers at same time. Finely adjusted springs hold stem as carefully as fingers as the flower is gathered. Cuts stem clean. Ea. \$1.49.



TREE PAINT

A positive antiseptic tree-wound dressing. Newman Tree Paint leaves a smooth, glossy, even surface, which never dries hard, but forms a perfect seal, by waterproofing the wound and holding in the sap.

Qt. \$1.00; Gal. \$2.25.



KEN SPRAYALL

The Only Sprayer With
All These Advantages

Entirely Self Contained

1. Finger-tip control of all adjustments.
2. Double action - continuous spraying - lightweight.
3. Finger-tip control of nozzle varies spray from fog-mist to full stream.
4. Finger-tip control of swivel permits spray to be pointed in any desired direction, making it easy to reach hard-to-get-at places.
5. Finger-tip control of self-contained telescopic extension - 12 in. long.
6. No loose parts to become lost or mislaid, either of nozzle or extension.
7. Constructed of brass and 100% Neoprene - resistant to all spray solutions. Easy to operate - simple to clean - with proper care will last a lifetime.
8. No tank to clean - hose is placed directly in ordinary bucket containing the spray solution which is screened as it passes into the sprayer.

Each \$7.95

"LAWNETTE" SPREADERS

For uniformly and effectively applying plant food, grass seed, commercial fertilizers and highly concentrated chemical powders for control of pests, fungi and other turf diseases.

No attachments necessary. Economical — shuts off easily and instantly with the handle control. Saves fertilizers and money. Prevents bare spots and eliminates uneven shades of green.

Sturdy, rugged construction, built to last many years. The patented agitator provides non-clogging force feed distribution.

Lawnette Spreaders have been purchased for years by the most discriminate and exacting gardeners. Thousands are sold every year. There must be a reason.

No. 15 — Spreading width — 14 in. Holds 15 lbs. of plant food, enough for 400 sq. feet. 7-in. steel disc wheels. Shipping wt. 11 lbs.

Price: \$5.95

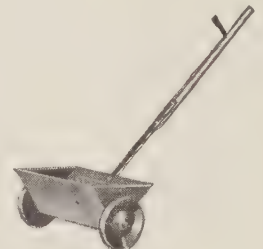
No. 115A — Spreading width: 17 in. Holds 30 lbs. of plant food. Steel wheels with rubber tread. Price \$10.25.

VERTAGREEN "MASTER" SPREADERS

A sturdy, well-built spreader by Masters Planter Co., and we have same in 2 sizes:

No. 25 size, capacity 20 lbs. _____ \$ 7.50

No. 30 size, capacity 35 lbs. _____ 11.25



CRO-TOX . . Bird and Rodent Repellent

TREATS ALL SMOOTH SURFACE SEEDS
SAVES SEED LOSS AND REPLANTING

BONIDE CRO-TOX protects your seeds during the period when they are most easily damaged by ridding your fields of crows, doves, larks, starlings, blackbirds, pheasants and other seed-pulling birds and rodents, such as squirrels, woodchucks, moles, and insects such as ants, wire worm, etc. No need to replant seed when Bonide Cro-Tox is used. Birds and rodents will not molest seeds treated with Bonide Cro-Tox. Bonide Cro-Tox saves you expense and labor of replanting — assists you in preventing seed rot — aids and hastens germination. A guaranteed protection against seed pests at an insignificant cost of a few cents per acre.

1/2 Pint can — treats 1 bushel seed. _____	\$.60
1 Pint can — treats 2 bushels seed _____	1.00
1 Quart can — treats 4 bushels seed _____	1.75
1 Gallon can — treats 16 bushels seed _____	4.50



PARADICHLOROBENZENE**CONTROL MOTHS-PEACH BORER-WEEVILS**

A government-recommended control of the peach borer. Clean gum away from the tree trunk. Encircle the tree, 2 inches away from the trunk, with 1 ounce of P.D.B. and cover with fine dirt. Tramp down firmly. A weevil control (non-explosive) and more economical to use than High Life. Use 2 to 3 ounces in a barrel of grain. Should not be used on beans or peas that you desire for eating. Also recommended to oust moths out of bee hives and clothes; acts as a deodorant. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 35c; 1 lb. 60c

WETTABLE SULPHUR — To be used in water for the control of such fungicidal disease as are susceptible to sulphur. For stone fruit, use 2 to 4 pounds to 50 gallons of water. For apple and pear, use 3 to 8 pounds in 50 gallons of water. Lb. 10c; 10 lbs. 75c; 100 lbs. \$6.00

COMMERCIAL SULPHUR — Especially valuable as an insecticide and splendid for soil treatment. Lb. 5c; 10 lbs. 45c; 100 lbs. \$3.50.

SUBLIME FLOWERED SULPHUR — The purest form of powdered sulphur available. This type of sulphur is used extensively for medicinal purposes for livestock. Lb. 10c; 3 lbs. 25c; 14 lbs. 70c; 100 lbs. \$5.50.

DUSTING SULPHUR — A specially prepared sulphur powder fine enough to pass through a 300 mesh sieve. Particularly useful against red spider, also as a disease control such as powdery mildew, rust and blackspot. If chewing insects are to be controlled while using sulphur add one lb. of Kryocide to each four pounds of sulphur. Lb. 6c; 10 lbs. 50c; 25 lbs. \$1.10; 100 lbs. \$3.75.

MAGNESIUM SULPHATE — Has a limited use as an indirect fertilizer as it helps to make potassium available. Magnesium is known to be associated with nitrogen and a component of chlorophyll, the green coloring matter of plants. Lb. 10c; 10 lbs. 75c; 100 lbs. \$6.00.

ALUMINUM SULPHATE — Used to acidify a neutral or alkaline soil to make the soil suitable for acid loving plants such as Azaleas, Camilla, etc. Also used on Hydrangea plants to produce blue flowers instead of pink ones. Should be used at the rate of one pound to the square yard, mixed thoroughly with the soil and then watered. Lb. 7c; 10 lbs. 60c; 25 lbs. \$1.20; 100 lbs. \$4.00.

ZINC SULPHATE — Used to control Rossette in Pecan trees. May be used in the soil or by placing in trunk of tree. Best results however are obtained by spraying leaves. Use 1 to $1\frac{1}{2}$ lbs. to 50 gallons of water when leaves are about $\frac{1}{2}$ inch long, 2 to 3 lbs. to 50 gallons of water when leaves are fully matured. Lb. 15c; 10 lbs. \$1.40; 25 lbs. \$3.25; 100 lbs. \$12.50.

GROUND PYRETHRUM FLOWERS — Dust directly on ants, also a splendid ingredient for killing flies, mosquitoes, roaches, etc. We recommend this preparation where a powder is desired. It is very effective and most economical to use. Lb. 50c; 10 lbs. \$4.50.

FORMALDEHYDE — Used as a disinfectant and fumigant. For soil disinfection. Use one part Formaldehyde with 50 parts of water. Loosen up soil and use $\frac{1}{2}$ to 1 gal. to each square foot. Place canvas or heavy paper over treated soil for one day and then remove cover. Wait two weeks before planting seed. gallon \$3.00.

COPPERAS (Sulphate of Iron) — Copperas is used to put the color in the foliage and blossom of the plant. It also aids them in blooming. If your shrubs or other plants have a pale, sickly green color they need Copperas. A splendid neutralizer of alkali in the soil. Use 200 to 400 pounds per acre; also fine for lawns. 1 lb. to 100 square feet. Lb. 6c; 10 lbs. 50c; 25 lbs. \$1.10; 100 lbs. \$4.00.

TOBACCO DUST — Containing 2 to 4% nitrogen, $\frac{1}{2}$ to 1% acid phosphate, 4 to 10% potash, has a distinct plant food value as well as an insecticide, used chiefly as a repellent. Lb. 10c; 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$5.00.

COPPER SULPHATE (Blue Stone) — Used for making Bordeaux mixture. For a 50 gallon mixture use 4 pounds of Copper Sulphate and 4 pounds hydrated lime. When mixed should be used within a few hours after mixing. Lb. 20c; 10 lbs. \$1.75; 25 lbs. \$4.00; 100 lbs. \$15.00.



BONE MEAL — A slow acting, fertilizing element containing phosphorus analyzing from 23 to 25%. Also containing from 1 to 3% nitrogen. Causes no burning and is ideal for roses, bulbs and a good top dressing for perennials. and other established plants. Also used very extensively in potting soil mixture. Use at the rate of 10 pounds to 100 square feet. Lb. 7c; 10 lbs. 65c; 25 lbs. \$1.50; 100 lbs. \$5.50.

LIME (Hydrated) — Valuable in combination with Phosphoric acid and leaf mold in making compost pile, hastening decay, neutralizing soil acidity and helping to release plant food elements. Use 100 to 200 lbs. to 50 feet square and work thoroughly into the soil. Acts as a repellent to rabbits when mixed with tobacco dust and dusted on plants. Do not use lime in soil where you have plants that require an acid soil. 10 lbs. 25c; 50 lbs. 65c.

SATEX MIXED BIRD SEED**ADD POSTAGE TO ALL ITEMS LISTED**

A blend of the finest seeds to be found on the market double re-cleaned in order to remove all foreign particles and dust, containing Canary, Bird Rape and Millet, mixed in the proper proportions for your bird's health and song.

Mixed Canary	.....	\$ .25
Love Bird Mixture; per lb.	.....	.20
Canary Seed; per lb.	.....	.25
Hemp, per lb.	.....	.40
Maw or Poppy Seed, per lb.	.....	.45
Millet, per lb.	.....	.10
Bird Rape, per lb.	.....	.25
Sunflower Seed, per lb.	.....	.30
Flax, per lb.	.....	.25
Thistle, per lb.	.....	.40

**A GUARANTEED RAT KILLER****BLUE DEATH — A new**

scientific rat exterminator that rats cannot resist. It attracts the wily, shy old fellow from their lairs and gets every last one. Blue Death contains pure, sweet, clean natural products that rats really like and eat voraciously. Blue Death is more toxic than arsenic, barium, strychnine and red squill. It is a slow acting poison and the time required to kill is from 8 to 14 hours. Its slow killing action allows rats to escape out in the open to die. $1\frac{1}{4}$ oz. tube 35c; postpaid 45c.

TOPZOL**RAT & MOUSE KILLER
NON-POISONOUS**

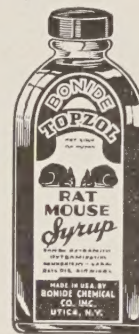
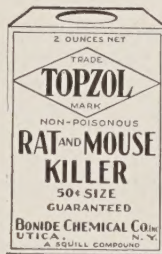
TOPZOL—A new EXTERMINATOR that is NON-POISONOUS to humans, domestic animals, poultry, dogs or cats; but will kill rats and mice quickly. TOPZOL drives them outdoors to die.

TOPZOL POWDER

2 oz. can 50c; postpaid 60c.

TOPZOL LIQUID

1 oz. bottle 35c; 4 oz. bottle 65c.

**TOPZOL PREPARED RAT BAITS****No Mix - No Mess - No Fuss****READY FOR INSTANT USE**

Package of ten prepared Baits

10c

ANTROL ANT TRAPS**SAFE TO USE AROUND CHILDREN AND PETS**

Can Be Used Inside or Outside the House
ANTROL ANT TRAPS — Kills both sweet and grease eating ants, contains two kinds of specially prepared material. Each 15c; postpaid 20c.

**ANTZIX****THE NEW OUTRIGHT
ANT AND ROACH KILLER**

Get every last ant without fail.

Proclaimed by users the world around to be the most efficient sweet-eating ant killer ever produced, and equally as effective in controlling roaches, sow bugs, grasshoppers, cut worms, etc.

ANTZIX is a special formula compound containing honey-sweet ingredients that are most attractive and non-resistant to ants and other sweet-consuming insects. They just can't resist its alluring aroma. The toxic agent employed is a new poison that is tasteless, its presence cannot be detected by the insect, thus it is consumed readily and its killing action is assured. $\frac{1}{2}$ oz. bottle 15c; $1\frac{1}{4}$ oz. bottle with ramp 35c



Protects Trees and
Shrubs from Dogs,
Cats and Rabbits
"DOGS SHUN IT"

DOGZIX is a liquid and is ready for instant use. Simply put DOGZIX in clean sprayer and spray, or saturate cloth and suspend from lower branches of evergreens, shrubs, etc.

Price 3 oz. bottle 50c; 6 oz. bottle 75c.

SATEX PLANTING CALENDAR FOR SOUTH TEXAS

JANUARY

VEGETABLES—Asparagus, Beets, Broccoli, Cabbage, Carrots, Cauliflower, Celery, Collards, Endive, Kale, Kohl Rabi, Lettuce, Mustard, Onion, Parsley, Parsnip, Peas, Radish, Spinach, Turnips. **Sow in flats:** Pepper, Egg Plant, Tomato.

FLOWERS—Ageratum, Snapdragon, Columbine, Asters, Calendula, Candytuft, Carnation, Cornflower, Daisy, Delphinium, Dianthus, Hollyhock, Larkspur, Pansy, Phlox, Poppy, Salvia, Stocks, Sweet Peas, Sweet William, Verbena, Petunia.

BULBS—Amaryllis, Lilliums, Narcissus, Tuberose, Tuberous rooted Begonias, Gladiolis, Callas.

FEBRUARY

VEGETABLES—Asparagus, Beets, Swiss Chard, Broccoli, Cabbage, Carrots, Cauliflower, Celery, Collards, Endive, Kohl Rabi, Lettuce, Mustard, Onion, Parsley, Parsnip, Peas, Radish, Spinach, Turnips, Potatoes. **Sow in flats:** Pepper, Egg Plant, Tomato.

FLOWERS—Ageratum, Alyssum, Snapdragon, Columbine, Arctotis, Aster, Candytuft, Carnation, Celosia, Cornflower, Coleus, Coreopsis, Dahlia, Daisy, Delphinium, Dianthus, Dimorphotheca, Feverfew, Gaillardia, Gerbera, Geum, Godetia, Helichrysum, Heliotrope, Hollyhock, Linarias, Lantana, Larkspur, Nasturtium, Petunia, Phlox, Salvia, Salpiglossis, Stocks, Sweet Peas, Sweet William, Verbena, Viola.

BULBS—Amaryllis, Cannas, Gladiolis, Lilliums, Tuberose, Tuberous rooted Begonias, Gloxinia, Caladiums.

MARCH

VEGETABLES—Beans, Asparagus, Beets, Cabbage & Cauliflower Plants, Carrot, Corn, Cucumber, Egg Plant, Endive, Lettuce, Kohl Rabi, Cantaloupe, Mustard, Okra, Onion Plants, Onion Sets, Parsnips, Peas, Potatoes, Pumpkin, Radish, Spinach, Squash, Tomato, Pepper, Turnip, Watermelon, Swiss Chard.

FLOWERS—Ageratum, Alyssum, Snapdragon, Columbine, Arctotis, Asters, Balsam, Calendula, Campanula, Carnation, Celosia, Coleus, Coreopsis, Cosmos, Dahlia, Daisy, Dimorphotheca, Feverfew, Four-O'clock, Gaillardia, Gerbera, Geum, Globe Amaranth, Godetia, Gypsophila, Helichrysum, Heliotrope, Linarias, Lantana, Larkspur, Kochia, Marigold, Mignonette, Morning Glory, Nasturtiums, Petunia, Phlox, Portulaca, Ricinus, Salvia, Salpiglossis, Scabiosa, Statice, Stocks, Sunflower, Sweet William, Tithonia, Verbena, Vinca, Viola, Zimmia.

BULBS—Cannas, Dahlias, Gladiolis, Tuberose, Tuberous rooted Begonia, Gloxinia, Lilliums, Caladiums.

APRIL

VEGETABLES—Beans, Swiss Chard, Beets, Carrots, Corn, Cucumber, Egg Plant, Endive, Cantaloupe, Mustard, Okra, Onion, Plants and Sets, Field Peas, Potatoes, Pumpkin, Radish, Spinach, Squash, Tomato, Pepper, Turnip, Watermelon.

FLOWERS—Ageratum, Alyssum, Snapdragon, Columbine, Arctotis, Campanula, Celosia, Coreopsis, Cosmos, Dahlia, Four-O'clock, Gaillardia, Gerbera, Geum, Globe Amaranth, Godetia, Gypsophila, Helichrysum, Heliotrope, Linarias, Kochia, Marigold, Mignonette, Morning Glory, Nasturtium, Petunia, Portulaca, Ricinus, Salpiglossis, Scabiosa, Tithonia, Vinca, Zinnia.

BULBS—Cannas, Dahlia, Tuberose, Gladiolis, Caladiums.

MAY and JUNE

VEGETABLES—Broccoli, Beet, Carrot, Corn, Cucumber, Cantaloupe, Mustard, Pumpkin, Radish, Squash, Tomato, Watermelon, Swiss Chard. Cabbage and Cauliflower.

FLOWERS—Ageratum, Alyssum, Columbine, Arctotis, Campanula, Celosia, Coreopsis, Cosmos, Dimorphotheca, Feverfew, Four-O'clock, Gaillardia, Globe Amaranth, Godetia, Gypsophila, Helichrysum, Heliotrope, Linarias, Kochia, Marigold, Mignonette, Morning Glory, Nasturtium, Nicotiana, Petunia, Phlox, Portulaca, Ricinus, Salpiglossis, Scabiosa, Statice, Tithonia, Zinnia.

BULBS—Dahlia.

JULY and AUGUST

VEGETABLES—Broccoli, Beet, Carrot, Corn, Cabbage, Cauliflower, Egg Plant, Pepper, Tomato, Radish, Squash, Pumpkin, Potato, Swiss Chard.

FLOWERS—Celosia, Zinnia.

BLUBS—Lycoris, Radiata.

SEPTEMBER

VEGETABLES—Beans, Beets, Broccoli, Cabbage, Cauliflower, Carrot, Collards, Cucumber, Kale, Kohl Rabi, Lettuce, Mustard, Onion Seed and Sets, Parsnip, Peas, Potato, Radish, Spinach, Squash, Turnips, Swiss Chard.

FLOWERS—Snapdragon, Columbine, Calendula, Campanula, Candytuft, Carnation, Coreopsis, Cornflower, Daisy, Delphinium, Dianthus, Hollyhock, Larkspur, Pansy, Poppy, Statice, Sweet William, Viola, Zinnia.

OCTOBER and NOVEMBER

VEGETABLES—Beets, Broccoli, Cabbage, Cauliflower, Carrot, Collards, Kale, Kohl Rabi, Lettuce, Mustard, Onion, Parsnip, Peas, Radish, Spinach, Turnips.

FLOWERS—Snapdragon, Calendula, Columbine, Campanula, Candytuft, Carnation, Coreopsis, Cornflower, Daisy, Delphinium, Dianthus, Hollyhock, Larkspur, Pansy, Poppy, Sweet Peas, Sweet William.

BULBS—Anemones, Callas, Jonquils, Daffodils, Narcissus, Iris, Hyacinth, Lilly, Ranunculus, Sparaxis, Crocus.

DECEMBER

VEGETABLES—Beet, Broccoli, Cabbage, Cauliflower, Carrot, Collards, Kohl Rabi, Lettuce, Mustard, Onion, Parsnip, Peas, Radish, Spinach, Turnip, Swiss Chard, Egg Plant, Pepper.

FLOWERS—Snapdragon, Calendula, Columbine, Campanula, Candytuft, Carnation, Coreopsis, Cornflower, Daisy, Delphinium, Dianthus, Hollyhock, Larkspur, Pansy, Poppy, Stocks, Sweet Peas.

BULBS—Amaryllis, Anemones, Callas, Jonquils, Daffodils, Narcissus, Iris, Hyacinth, Lilly, Ranunculus, Sparaxis, Crocus, Tulips.

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